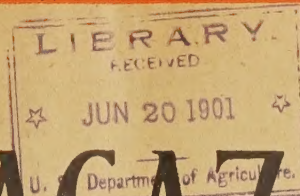


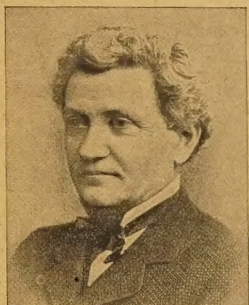
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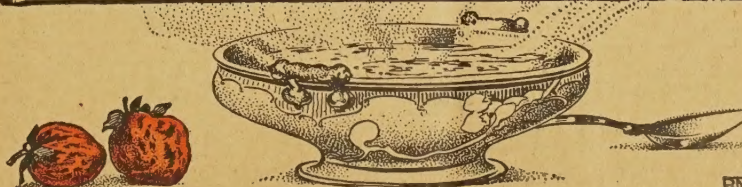
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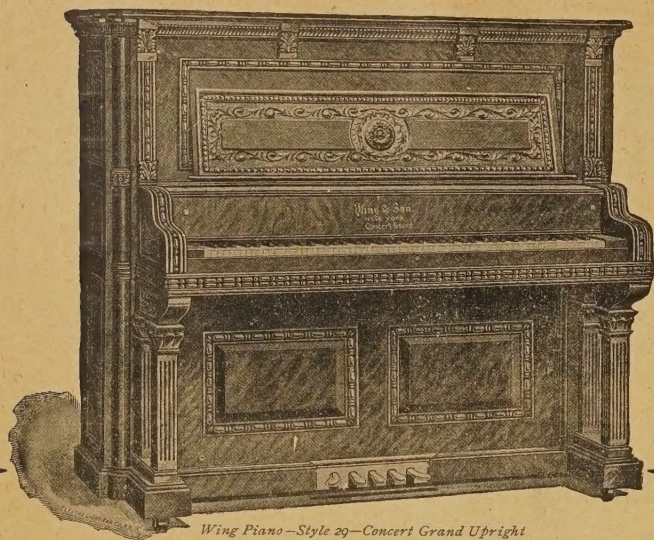
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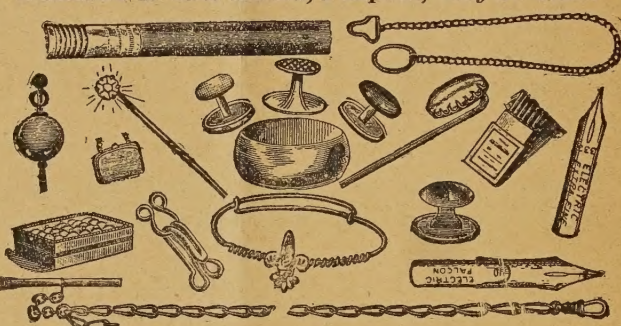
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V I C K ' S



ILLUSTRATED FAMILY MAGAZINE

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AMONG THE LILACS.

To one "country born and country bred," the Lilacs in addition to their beauty and fragrance, have all the charm of old associations, for there was no garden but had its clump of those old-time favorites. I well remember two which stood like sentinels near our door. They were like trees in height, and blossomed on alternate years, or, rather, one would blossom profusely one year while the other would have but a few clusters, and the next year this way of blooming would be reversed. I have never known of this peculiarity being noticed in any other bushes; ordinarily, I believe, Lilacs blossom every year.

The proper or botanical name of the Lilac is *Syringa*; the common name is said to have been derived from Lilac or Lilag, the Persian name for the flowers, coming to us by way of Turkey and Spain. In the rural districts of England the general pronunciation of the name is Laylock, and in some parts of that country it is sometimes called Mayflower, Prince's Feather and Duck's Bills. The latter name is said to be on account of the separate florets being flattened much after the fashion of the bill of a duck.

Though never entirely out of favor, the Lilac is now being more generally planted than it was for a number of years past. This is as it should be, for no shrub could be more satisfactory. Among the great number of varieties offered by dealers at the present time there is a wide range of colors, and the majority are deliciously fragrant. Some, of course, are sweeter than others, but nearly all are sure to please in this respect.

To one who has only known the old-fashioned lavender-colored Lilacs of the past, a modern collection, such as that at the Arnold Arboretum, in Boston, or at Highland Park, in this city, is a revelation, and it is worth traveling miles to see. It would be difficult to imagine anything more beautiful than the large plume-like clusters of flowers in white, pink, blue and purple, with intervening shades which are almost impossible to describe. And now there are double varieties, which were unknown comparatively a few years ago. All flowers are not improved by doubling, and in my humble opinion the single Lilac is much more preferable than the double. But I must admit that some of the double varieties are very pretty; and the flower clusters are denser and the blossoms usually last longer than the single ones. The individual flowers of the double varieties are generally smaller than the single ones, though there are exceptions to this rule.

Through the introduction of new varieties, the season of blooming of the Lilac has been extended from about two weeks to three or four.

The fondness of all classes of people for the Lilac is something remarkable. The common people are its devoted admirers, and in Boston the blooming of the Lilacs is said to be made

quite a society affair, people and carriages thronging the Arboretum. At Highland Park during the blooming season not only thousands of the residents of the city, but large numbers of people from different parts of Western New York make it a point to visit the Lilacs in the month of May. On Sunday, the 27th of May, 1900, it was estimated that 10,000 people visited the Lilacs during the day.

Mr. John Dunbar, Assistant Superintendent of Parks of this city, in an article in the Municipal Journal and Engineer gave such interesting and practical information about the Lilacs, that we



JACQUES CALOT.

quote freely from the same, as follows:

"The Lilac is deservedly known as the queen of hardy flowering shrubs, just as the Rose is known as the queen of flowers. The ease with which it may be cultivated; its patience under cultural abuse; the showy prominence of its fragrant clusters of blossoms; the absolute hardiness of the shrub itself; these different traits partially account for the popularity of the Lilac among all conditions of people. For the Lilac is a truly democratic flower. Rich and poor equally admire it, and its beauty constantly appeals to all, irrespective of any society fad, caprice or whim.

"Botanists recognize about twelve species of Lilacs found in a wild state, and these extend from southwestern Europe through central Asia and the Himalayas to Mongolia, northern China and Japan. None of the species is a native of the American continent.

"The common Lilac, *Syringa vulgaris*, has been in cultivation for over 300 years, and to it we are indebted for the showy varieties that attract such admiration and unstinted praise from the people. There are probably in cultivation today between 175 and 200 varieties of this species alone. Very few varieties have been obtained from any of the other species.

"The varieties of the common Lilac run through a wide range of rich tints, varying shades of lavender, blue, mauve, creamy pink, many shades of red, white and pearly white. These different shades, combined with double and single flowers, different sizes and curvatures of petals, and the clusters of panicles of bloom show distinctive habits; any or all of these distinctive traits or marks give varietal characteristics, so that an expert trained eye can distinguish them at a glance.

"Varieties of Lilacs are perpetuated in just the same way as are other woody plants, that is, by cutting, grafting, budding or layering. Grafting the scions on the roots of Privet, or on the roots of the common typical Lilac, is the method usually adopted by nurserymen or propagators, and this is usually performed in January and February. They are propagated in Highland Park by taking cuttings (slips) of the young green wood about the end of May. These are inserted in sand on the top of hotbeds which are shaded from the sun and kept close for some weeks, when the slips root. This method requires continual and solicitous care and attention, and it takes an experienced man to succeed with it.

"New varieties of Lilacs are obtained by hybridization, crossing-selection, and in some cases by accidental seedlings. But nine-tenths of the beautiful forms we have today are the results of years of close, painstaking, intelligent selection. Most of this has been done in the gardens and nurseries of England, France and Germany. Perhaps M. Lemoine of Nancy, France, has done more towards the artificial improvement and evolution of the Lilac than any other living horti-

culturist. Lemoine commenced his efforts on the improvement of the Lilac nearly forty years since, and he is still working hard and producing new varieties, the most of which usually surpass their predecessors in some aspects.

"Lilacs will thrive well in any ordinary good soil; that is, soil that will grow good potatoes, wheat or corn, will suit the Lilac admirably. The best time to plant is in the fall, as the Lilac starts into growth very early in the spring, and if spring planting is much delayed the plants will be in advanced stage of vegetation and will be correspondingly checked. A great deal is gained by fall planting. The grass should never be allowed

to grow up to and around their stems. The ground should be cultivated to a diameter from four to six feet around the plants. A good mulching of rotted sheep manure spread over the roots of the plants in the fall is very beneficial to them. If that cannot be obtained, ordinary stable manure will do. This should not be removed in the spring, but should be allowed to remain and decompose, or it may be worked gently into the surface of the soil, being careful, of course, not to disturb the roots in digging.

"Whatever pruning is necessary should be done during the winter months when the plants are dormant, and this should always be performed with great care. The reason for this is obvious. The flowering buds of Lilacs, like a great many other woody plants, are formed during the summer of the year previous to which they flower; an expert can readily tell in looking over Lilacs in winter to what extent they will bloom in the following spring, by recognizing whether the buds are leaf buds or flowering buds. It is very easy then for an experienced pruner to go through some 'trimming operations' and ignorantly remove all, or nearly all, the flowering branches, and when spring comes there will be a round-headed example of the work of the pruning shears, minus flowers. All we do in winter is to remove and thin out the weak straggling branches from the interiors of the bushes, as these never carry flower buds, and thereby throw the energies of the plants into the flowering branches. During the growing season a constant watch should be maintained to remove sprouts and suckers from the base of the plants, as nearly all varieties of Lilacs that are purchased from nurseries are either budded or grafted, so that sprouts from the base are almost sure to be from the stock and should be promptly removed as soon as noticed.

"Lilacs are frequently attacked and killed by a species of borer. This borer may be slightly reduced in numbers, but there is no real, effectual remedy for this serious and destructive pest, and the cultivator is practically helpless in its presence. They are sometimes attacked by scale or bark lice, for which the best remedy is whale oil soap dissolved in the proportion of two pounds to one gallon of water. This should be rubbed on the branches in winter when the plants are dormant. If, however, the plants are seriously affected, the best plan is to destroy them, thus preventing its spread to other bushes."

During visits to Highland Park, the following Lilacs were noted as being particularly beautiful, and sure to give pleasure and satisfaction to those who might plant them. The list might be greatly extended, but then it would be more difficult to make a selection.

The Chinese Lilac, *Syringa oblata*, is the very earliest to bloom. The bush is low growing with large, round, dark green leaves. Flowers, pale lilac in color, becoming more pink as they grow older; very fragrant.

Marie Legraye is a single white variety of great beauty. Flowers in dense masses with large, compact trusses of the purest, pearly white, the plants being fairly covered. This variety is the one most commonly used for forcing in green-houses.

Princess Alexandra is another fine single white. It would be difficult to make a choice between this and Marie Legraye if one could have only one white Lilac. The panicles of bloom are from medium to large, the flowers pure white and very fragrant.

Madame Lemoine is a beautiful double white, very sweet; truss very large and compact.

Madame Casimer Perier is a very striking double white variety. The panicles are very erect, flowers good size and doubled in a very peculiar manner, reminding one of the "hose-in-hose" blossoms of the double Polyanthus. It is very fragrant and beautiful, and in every way desirable.

Ludwig Spath, flowers single, large, dark purplish red, very fragrant. Panicles long and large. A very desirable variety.

Albert the Good, flowers single, large, dark purple, not very fragrant; trusses not very large but compact. A dwarf grower.

Charles X has large, shining leaves and magnificent plume-like trusses of reddish purple flowers produced in the greatest profusion. This is the best dark variety for forcing.

Gloire de Lorraine has immense panicles of bloom. The flowers are single, large, red in the bud, reddish Lilac when open, very sweet. It is rather late in blooming, coming on when other varieties are fading.

Aline Macquery is a very desirable, single, dark-colored variety. The individual flowers are of good size, very dark red in the bud, reddish purple when fully open. The habit of the bush is very

Emile Lemoine, large panicles of pinkish lavender flowers, double as little roses; very fragrant.

Lilarosa, large single flowers of a very pink color; free bloomer, very sweet.

Amena, low growing, profuse bloomer; individual flowers a beautiful pink in large broad panicles; very sweet.

The Rouen Lilac, *S. rothmagenensis*, an intermediate between the common and the Persian Lilacs, is a very desirable acquisition. The panicles of bloom are much larger than the Persian, but retain the delightful fragrance of that old-time favorite. *S. rothmagenensis* var. *rubra* has reddish flowers and var. *Saugeana* has rosy lilac blossoms.

The Hungarian Lilac *S. Josikæa* is a fine distinct species of tree-like growth, with dark, shining leaves and purple flowers. It blooms in June, after the other Lilacs have done flowering. Not fragrant.

S. Villosa is a species from Japan with large branching panicles; flowers light purple in bud, white when open. A late bloomer and especially valuable on that account. —Florence Beckwith.

LILACS.

WALTER A. WEAVER.

Oh, the lilacs, lovely lilacs;
Sweet purple lilacs.
What scents of spring around thee cling,
What memories bring thy blossoming,
Sweet lilacs,—

Fragrant, purple lilacs,
That bloom by mother's door.
Oh, the lilacs, lovely lilacs;
Sweet purple lilacs.

The murmuring breeze, the hum of bees,
And whispering trees, I hear in these
Sweet lilacs,—

Fragrant, purple lilacs,
That bloom by mother's door.
Oh, the lilacs, lovely lilacs,
Sweet purple lilacs.

In childhood's May, long passed away,
I loved to stray among these gay
Sweet lilacs,—

Fragrant, purple lilacs,
That bloom by mother's door.
Oh, the lilacs, lovely lilacs,
Sweet purple lilacs.

Old Time doth move, in silent groove,
So swift and smooth. And yet I love
Sweet lilacs,—

Fragrant, purple lilacs,
That bloom by mother's door.
Oh, the lilacs, lovely lilacs;
Sweet purple lilacs.

My spring has passed away, my hair is turning gray
My Winter has come to stay, and yet I love the gay
Sweet lilacs,—

Fragrant, purple lilacs,—
That bloom by mother's door.



MARIE LEGRAYE

compact and it is a free bloomer.

Louis Van Houtte, extremely large panicles; individual flowers large, single, and of dark lilac color; very sweet. A profuse bloomer and desirable.

Colmariensis is the bluest of the blue Lilacs, a delicate, pale, blue. The shrub is low growing and spreading, with fine, glossy foliage; a profuse bloomer. The flowers are rather small, in loose panicles; very sweet and very desirable.

President Grevy; flowers very large and very double; the panicles of bloom are immense, measuring eleven inches in length and five inches across. Flowers a beautiful blue and sweet. One of the best double varieties.

Jacques Calot, one of the finest Lilacs; individual flowers large, of delicate pinkish lavender color and very fragrant. The panicles of bloom are extremely large and the shrub is such a profuse bloomer that the leaves scarcely show. Very desirable.

Alphonse Lavalle, slightly double flowers of pinkish lavender, quite fragrant; very large panicles.

Michael Buchner, large double flowers of pinkish lavender; plant dwarf; panicles very large.



PRESIDENT GREVY

FLOWER GOSSIP.

EBEN E. REXFORD.

Asparagus Sprengeri is, among vines, what the Boston Fern is among plants for the window-sill or plant-table. It holds the same relation to other plants of its class as the Geranium does to the ordinary plants in the window-garden. It grows rapidly, requires very little care, and is extremely fine for general decorative effect, either as a hanging plant, or in an ordinary pot on a bracket. It must always be given a position where it can droop. It grows rapidly in a soil of loam made friable with a liberal addition of coarse, sharp sand. Some vegetable matter seems to suit it well. It requires only an ordinary amount of water. It does best in partial shade. Young plants are more satisfactory than old ones, unless one can give them all the root-room they demand, and this is out of the question with most persons, as a washtub would soon be demanded, so rapidly do the thick, tuberous roots increase. It is a common occurrence to find a pot split from top to bottom by the pressure of the roots. I keep my plants of a size to fill a seven or eight inch pot by separating the old ones. It is impossible to separate the great mass of roots in the ordinary way, so I cut through them with a sharp-bladed knife. I remove all that are injured by this process. In a short time new branches will be produced, and in two months' time your plant will be "as good as new." For decorating the parlor, I know of nothing better, as it lasts so well. It will retain its freshness for weeks, if kept in water.

Many complaints come in about the ravages of scale on the Sword and Boston Fern. I have been fortunate enough to keep my plants comparatively free from this enemy, and I do it by using fir-tree oil soap, more as a preventive than a cure, for I believe that it pays to head off all insect pests. You can keep them from coming much easier than you can get rid of them after they have come. I make a mild suds of this soap, and go over the lower part of the fronds with it at least once a fortnight. In this way I keep my plants in healthy condition, as no scale can get a foot-hold on them. If plants are badly infested, I would advise going over each frond and removing the scale with a stiff brush, after which I would apply the soapsuds freely. This application will also kill the mealy bug which often takes up its habitation among the fronds where they spring from the crown of the plant.

A good many persons ask how it is possible to grow the Sword and Boston Fern to large size without giving them very large pots. I do it by using a good fertilizer liberally. If you can use something that will supply the plant with real plant food, as a substitute for soil, it will answer the purpose quite as well as a large amount of root-room. I depend upon Bowker's Food for Flowers to furnish this nutriment for such plants as these. It is a *real food*, not a mere stimulant as most so-called "foods" are. I have specimens of the Boston Fern with scores of fronds four and five feet in length,—each specimen large enough to fill a window five feet wide—and these are in nine inch pots, and each one is in vigorous health,—all because of the frequent use of the fertilizer named. We are coming, more and more, to depend upon concentrated food for our plants, and in doing this we avoid the necessity of frequent repotting and the use of large pots.

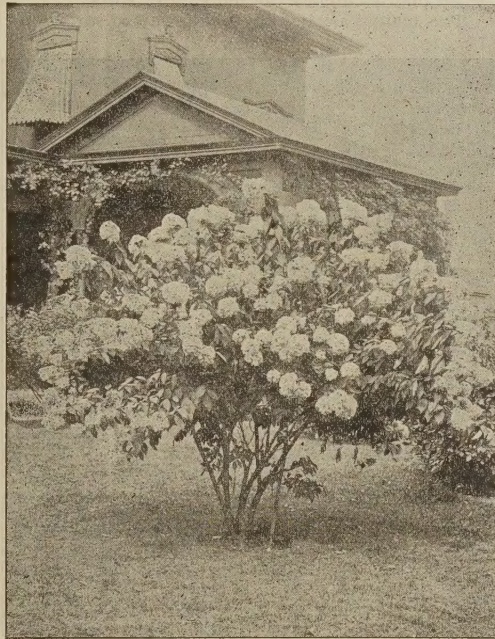
Keep watch of the Hollyhocks. If you discover indications of "rust," as we popularly term the bacterial disease which has affected these plants so severely of late years, at once apply Bordeaux mixture, or some of the substitutes for it, now on the market. If this is done *promptly*, it is possible to check the disease, and secure good flowers from your plants, but if you neglect them for a week or two you may fail in securing good results. I have used this fungicide for the last three years and

have had good Hollyhocks each season, while those of my neighbors who did *not* use it have had no flowers. Their plants were literally eaten up by the disease. It is cheap, easily procured, not difficult to apply, and is always effective *if used in time*. Be sure to get it to all parts of the plant.

Uses of the Hydrangea.

The *Hydrangea paniculata grandiflora* fills a place among shrubs as important as that which shrubs themselves fill in the general landscape. To be sure it will never be as dear to our hearts as the Lilac, yet we must admit that it is far more useful and had it fragrance it would be preeminently the bush for both the eye and heart. However, nature has many prizes and on none of her children does she bestow them all, and the *Hydrangea* has its full share.

A small mailing plant if carefully set out on the lawn is almost sure to live and bloom the first season, and whether trained to tree or bush form or used as a bedder its beauty will increase year after year, until in summer and fall it will be the most conspicuous object in the landscape. Its cold beauty is greatly heightened by being placed



HYDRANGEA PANICULATA GRANDIFLORA.

in front of a dark Evergreen or a bright Althaea while for late planted Gladiolus it will form both a background and a support. The Gladiolus will thrust its swordlike leaves and flower stalk through the foliage even when planted well back under the shrub and the red and white flowers form a magnificent bouquet. A bed of *Hydrangeas* bordered with hardy Phlox is another beautiful combination. Where space is limited it may be trained against a wall as fruits sometimes are, and planted in "God's acre" its white persistent flowers are truly emblematic of the pure immortal soul.

Who has not felt the hollow mockery of an empty vase in the winter time? One feels like hiding even the most dainty and artistic out of sight, but filled with *Hydrangea* plumes, grasses and bright berries, they are still appropriate reminders not only of the departed glories of summer but that even cold winter has many beauties in store for those who have eyes to see, while outside the brown *Hydrangea* plumes are white once more, but with feathery snow.—*Dame Durden*.

Rose! thou art the sweetest flower
That ever drank the amber shower;
Rose! thou art the fondest child
Of dimpled spring, the wood-nymph wild.

A Quartet of Orchids.

To those who have only seen orchids growing in conservatories, it may seem almost incredible that here in the north, we should have several lovely species in our fields and woods, but such is the case. In imagination let us take a stroll through the woods in the latter part of May, or first of June. The ground is carpeted with the leaves of clintonia, adders-tongue and similar plants but these we pass with scant courtesy to find the objects of our search. Seeking a spot rarely visited by man or beast, at last we come upon our hunting ground—a low, moist area near the banks of a brook, on one side ending in a bog, and covered with scattered hemlocks and maples. Almost in the edge of the bog we find the Coral-root, *Corallorhiza innata*; this is a rare and curious plant; its stem about six inches in height, holds aloft a spike of curious yellowish flowers each about one-fourth of an inch across. Examining a flower closely, we shall find it composed of three sepals and three petals resembling each other in color, the lower petal drooping and broadening so as to form a lip. Following down the stalk we notice in place of green leaves a few colorless scales or bracts and digging beneath the surface of the ground instead of finding fibrous roots, a dark colored mass is revealed resembling fine branching coral. This it is which gives the plant its name. Taken all in all it is a most interesting plant.

Turning now backward in our course toward the higher ground we find the Stemless Lady Slipper or Moecasin flower, *Cypripedium acaule*, with its pretty pink or white flowers nodding from the summits of their stems. Probably it is called stemless because it has no stem with leaves and branches above ground, being simply a rosette of broad green leaves with a flower stem rising from the center.

Passing on now to the wooded slopes of some of the hills we find, perchance, a bunch of the Yellow Lady's Slipper, *Cypripedium pubescens*, looking like a patch of sunlight beneath the shade of the trees. These nearly always grow in bunches of four or five and with their leafy stems supporting their bright yellow flowers they are very beautiful. It seems somewhat peculiar that we rarely find these lovely flowers in our lowest valleys, but in a rich, moist soil on wooded hillsides they may be found growing to perfection. There is also another species which resembles this and is found in similar places; it is smaller and has a slight fragrance. This is the Smaller Lady's Slipper, *C. parviflorum*. About the middle of July we may find in moist fields and moist, open woodlands the spikes of rose-purple flowers of the purple fringed orchid, *Habenaria psycodes*. This is a most beautiful wild flower. The

spikes are from six to ten inches in length closely set with the flowers, each growing from above a narrow leaf or bract; the lower petal of each flower is beautifully fringed, from which the plant gets the name fringed orchid. This lower petal is really the upper petal of the flower for the ovary twists half way around, making the flowers upside down. The leaves are a pretty, light green, and gradually decrease in size as they near the top of the stem, where they are little more than scales. There are only a few of the many orchids growing in the Northern States.—*Harry L. Smith, Maine*.

Gather ye rose-buds while ye may,

Old Time is still a-flying.

And this same flower that smiles today,

Tomorrow will be dying. —*Herrick*.

The law of nature is that a certain quantity of work is necessary to produce a certain quantity of good of any kind whatever. If we want knowledge, we toil for it; if we want food, we toil for it, and if we want pleasure we toil for it. There is no reason for any man thinking he is the only man who works.

THE GLADNESS OF NATURE.

Is this a time to be gloomy and sad,
When our mother Nature laughs around,
When even the deep blue heavens look glad,
And gladness breathes from the blossoming ground?
There are notes of joy from the hang-bird and wren,
And the gossip of swallows through all the sky;
The ground-squirrel gaily chirps by his den,
And the wilding the hums merrily by.
The clouds are at play in the azure space,
And their shadows at play on the bright green vale,
And here they stretch to frolic chase,
And there they roll on the easy gale.
There's a dance of leaves in that aspen bower;
There's a titter of winds in that beechen tree;
There's a smile on the fruit, and a smile on the flower,
And a laugh from the brook that runs to the sea.
And look at the broad-faced sun, how he smiles
On the dewy earth that smiles in his ray;
On the leaping waters and gay young isles—
Ay, look, and he'll smile thy gloom away!

—William Cullen Bryant.

How to Make Dahlias Bloom.

Just now many cultivators are much worried that their Dahlias are not planted; others are turning away, thinking that it is too late for this season. As far as my experience goes, this is all folly. There have been more Dahlias wasted in recent years by early planting than from any other cause. Last season my best results were from tubers which were practically dormant and planted at intervals from June 17 to July 4. The very best results of all came from plantings made on June 27. After making a careful investigation along these lines and asking for results from successful growers within a radius of 400 miles of New York city, I find that the majority have not planted earlier than June 15 to get their exhibition blooms. In the case of several commercial growers, it is impossible to find time to make plantings much earlier than this, for the simple reason that they are attending to their shipping business until then. Their results are beyond question.

The advantages of late planting are logical. It is the experience of everyone, and more especially of those who are complaining of lack of success in flowering, that a remarkable growth takes place in May and early June, when the tubers are first put out; that the plants grow and flourish for awhile, then stop, and the foliage grows smaller instead of bigger and dries up; and whatever flower buds may be formed go practically the same way. The plants never revive until the late fall, and in many instances not even then.

Late planting prevents all this, inasmuch as the first severe hot spell or drought is passed before the plants attain any size; in fact, they never stop growing. Another great advantage is that treated in this way no stakes are required. Roots can be planted close together in the row and they will resist wind and any ordinary gale without the assistance of a stake. They begin blooming in August and are practically never out of bloom until frost cuts them down.

Another system which I have adopted on my grounds apart from the late planting, is to dig out quite a good deep hole, almost a spade deep, and inserting the tuber only let it fill gradually as the plant grows. This may not be necessary in all soils, but with mine it certainly was an advantage. Some growers on Long Island follow the same plan and find it successful. It is my confident belief that if the practice of late and deep planting were generally adopted there would be less enquiry next fall, "Why do my Dahlias not flower?"—James W. Withers in *American Gardening*.

If I were a rose at your window,
Happiest rose of its crew,
Every blossom I bore would bend inward,
They'd know where the sunshine grew.
—James Russell Lowell.

Rose of Sharon.

Althea or Rose of Sharon is such an attractive shrub that it is strange it is not more common in gardens. As an evidence of its adaptability to lawn decoration, we see it in great quantities in all our public parks and fine private grounds.

The blooming season comes at a time when there is a dearth of blossoming shrubs, from mid-summer till frost.

Its form of growth is attractive, being that of a very large shrub or tall tree, symmetrical in form, with many branches and very dark foliage.

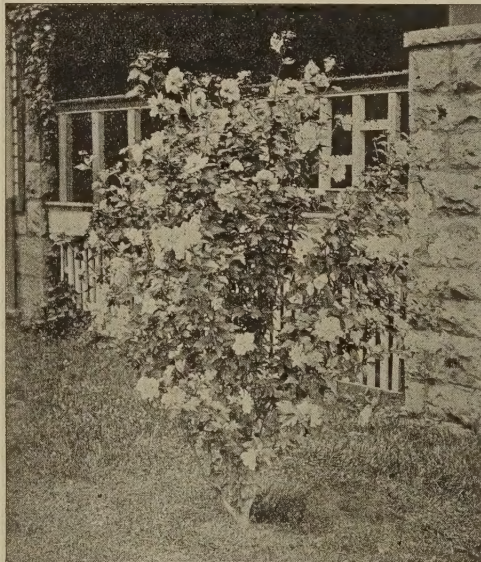
The flowers are produced on the new growth, so it is best to prune the shrub well either late in fall or very early in the spring; this of course produces branching, thus furnishing many tips on which buds will form.

The plants are admirable for hedges and screens, growing close together and yielding readily to any kind of training. They are especially nice as a screen between the front yard and the vegetable garden.

The flowers resemble double hollyhocks in size and form, and are seen in great variety of colors, white, rose, violet, purple, red, maroon, also all these colors in combination with white.

The variegated ones are especially attractive when planted among the self-colored sorts.

The many varieties are sold as named sorts and



ROSE OF SHARON.

mixed, any of which will prove satisfactory to the growers. All are hardy in most parts of the country and withstand drought well and blossom without fail every year.—H. M. W.

The Names of Plants.

"The plants in this book have fearful names," is a remark you often hear as your friend turns the leaves of a botanical work. Strange certainly, until you grow somewhat accustomed to them, even fearful, perhaps, until you get some idea of the rules of their formation and use. But you say, why not name all plants in English? Why is it thought necessary to derive these terms from Greek and Latin? If English was earth's only language they would of course be named in that tongue, but as there are others, and every civilized people has some knowledge of Greek and Latin, they are thus made current over a much larger territory. A Frenchman or Swede or German seeing the word *Asparagus*—the old Greek name for these plants, knows (if he has learned it) what is meant and we therefore have so far a sort of universal language, which is often a convenience. Again many of these terms date from a time when

every educated man not only read, wrote and spoke Latin but also gave himself a Latin name. Thus the genus *Lonicera* is named after Adam Lonitzer called *Lonicerus*. The *Lobelia* is in honor of Lobel whose Latin name was *Lobelius*, and so on. Greek and Latin of late are not what they have been, and had it been left for us to found the science of botany it might have been less classical in its terms. Be this as it may, its present form is my present concern, not what it might have been. A large custom still in use gives generic and specific names in honor of this man or that, distinguished botanists, kings, queens, explorers, soldiers, etc. Thus we have a great water lily called *Victoria Regia* from England's queen, the *Magnolia* is from one *Magnol*, *Begonia* from *Begon*, *Fuchsia* from *Fuchs*. A great many names ending in *ia*, and *s* me others, are thus derived; as *Stevia*, *Houstonia*, *Dicksonia*. You will see terms of this sort everywhere, but to me at least they are less interesting than terms derived from some property or appearance of the plants themselves, as *Calla* from the Greek *kallos* (beautiful), *Calliopsis* (it looks beautiful), *Hemerocallis* (beautiful for a day), *Calliandra* (beautiful stamens), *Callistephus* (beautiful crown), and many others are from the same root. *Canna* means cane. *Aquilegia* is "water drawing." *Nasturtium* means "convulsed nose," from its pungency. *Geranium* is from *geranos* a crane, because the persistent calyx with the long pointed seed vessel projecting from it looks like the head and beak of this bird. (A native geranium is called cranesbill.) *Pelargonium* means stork's bill, and the genus *Erodium* is heron's bill for the same reason. All three plants are of the same family and the crane, stork (pelargos) and heron have similar beaks. All the geraniums of the catalogue are *Pelargoniums*. *Hydrangea* is a "vase for water" from the form of the calyx. *Salvia* is from *salvo*, to save or heal, because of the medicinal virtue of some of the species (garden sage and others). *Adonis* is a lover of *Venus* changed into a flower. *Asperula* a little rough plant. *Amaranthus*, never fading. *Campanula*, a little bell. *Convulvulus*, from the same root as convulsion. *Calendula* a calendar, because the various species taken together bloom the whole year or nearly. *Salpiglossis*, a tube with a tongue in it. *Gladiolus*, Latin *gladius*, a sword, from the form of the leaf. And so on through the whole list all mean something, if nothing more than some old forgotten botanist's name. Now and then a specific term is a man's name, as *Asparagus Sprengeri*—*Sprenger's asparagus*—but these terms are mostly descriptive, adjectives following the noun according to the latin habit. *Alba*, *albus* or *album*, *candida* or *candidum*, all mean white. *Atroscanguinea* (black blood) dark rich flowers. *Filamentosa*, bearing filaments. *Vulgaris*, common. *Officinalis*, used in medicine. *Subulata*, awl-shaped. *Sinensis*, from China. *Pardalinum*, like a leopard. *Rubellum*, red bells. *Tenuifolium*, slender leaves. And so on.

My object has been to show that these "horrid" words have sense and reason back of them, however they may look at first sight. Most of them are easily pronounced, and to understand even a few of them is a good thing, and to know more of them a better one. A slight amount of observation and study soon makes it dawn upon you that you already know something of a plant you never saw because of the descriptive term it bears. After this, these words are no longer a blot on the landscape, but a light to the understanding.—E. S. Gilbert.

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You rosebuds in the morning dew,
How pure among the leaves sae green.

—Robert Burns.

June is bright with roses gay,
Harebells bloom around her feet.

—Dora Goodale.

Old-Fashioned Roses.

They ain't no style about 'em,
And they're sort of pale and faded;
Yit the doorway here without 'em,
Would be lonsumer, and shaded
With a good 'eal blacker shadder
Than the mornin'-glories makes,
And the sunshine would look sadder
For their good old-fashion' sakes.

I like 'em 'cause they kind o'
Sort o' make a feller like 'em;
And I tell you, when I find a
Bunch out whur the sun kin strike 'em,
It allus sets me thinkin'
O' the ones 'at used to grow,
And peek in thro' the chinkin'
O' the cabin, don't you know.

And then I think o' mother,
And how she used to love 'em,
When they wuzu't any other,
'Less she found 'em up above 'em!
And her eyes, afore she shut 'em,
Whispered with a smile, and said
We must pick a bunch and put 'em
In her hands when she wuz dead.

But, as I wuz a sayin',
They ain't no style about 'em
Very gaudy or displayin',
But I wouldn't be without 'em,
'Cause I'm happier in these posies,
And the hollyhaws and sich,
Than the hummin'-bird 'at noses
In the roses of the rich.

—James Whitcomb Riley.

The Old-Time Roses.

By universal assent, the rose reigns supreme as the "Queen of Flowers." Empires may wax and wane, but the rose retains her scepter, her kingdom grows wider and wider, and the number of her admirers is ever on the increase. All the poets chant her praises; whole books are devoted to singing the delights of the rose garden; propagators are ever striving to produce new varieties; the catalogues of the florists and nurserymen owe much of their attractiveness to the beautiful pictures of the roses which adorn their pages, and a garden without a rose in it would seem strange indeed.

Nearly all the more recently introduced varieties of the rose are beautiful, but to many those which flourished and bloomed in the old-time gardens still have their attraction, though in size, beauty of coloring and perfection of form they may fall far below the present standards.

Don't you remember the old cinnamon rose which bloomed so early, only partially double and the color a rather dull pink when fully open, but very pretty in the bud and with a pleasant fragrance, and wouldn't you greet it with pleasure if you should come across it in some garden where the old favorites had been retained?

It is like meeting an old friend when one finds the old cabbage rose, the single and double yellow, the hundred leaf rose and the sweet briar whose foliage after a shower, or when crushed by the hand yielded a fragrance as sweet as that of many blossoms; the moss rose, too, so pretty in the bud and so commonplace when fully open, but sweet withal; and that sweetest of all, the pale blush, damask rose, with the true attar of roses fragrance. Most of them have been crowded out by newer and sometimes less worthy varieties, but the memory of their sweetness will ever linger in our minds.

Some old-fashioned roses have been regularly handed down to posterity, and still retain their fragrance and beauty. One, a very sweet, semi-double variety of which I have never known the name, grew originally in the garden of one of the pioneers of Western New York; the old bush itself is dead, but plants propagated from it are growing in the gardens of descendants of the third, and I don't know but the fourth generation, and I hope the time will never come when a bush of "grand-mother's white rose" can not be found somewhere among her flower-loving kindred.—F. B.

Some Fine Roses, Old and New.

Among the many roses which claim our admiration for beauty of form, coloring, or fragrance, the following varieties are pre-eminently worthy of cultivation in every garden. They are all hardy and with proper care will afford infinite pleasure. Out of the hundreds of beautiful varieties now offered it is hard to make a selection, but from personal knowledge and observation we know these few to be of the very best.

Of pink hybrid perpetual roses, Mrs. John Laing stands at the head of the list. The color is a clear, bright, shining pink, exquisitely shaded. The buds are long and pointed, the flowers large, full, double, deliciously fragrant, and borne in great profusion on long stiff stems. It is perfectly



MARCHIONESS OF LONDONDERRY.

hardy and a very constant and free bloomer, commencing to flower in the open ground early in the season and continuing until autumn. It is also valuable for forcing. By many it is considered the most beautiful rose of recent introduction.

Mrs. R. G. Sharman Crawford is a rose of vigorous growth and branching habit. The color is a deep, rosy pink; outer petals shaded with pale flesh color, nearly white at the base. The flowers are large, fragrant and freely produced all through the summer and fall.

Paul Neyron is the very largest of all the roses grown. The blossoms are really mammoth in size, in color a rich, glittering pink, and very fragrant. It is not only a good garden rose, but is also valuable for forcing.

Prince Camille de Rohan is everywhere celebrated for its large, fragrant flowers and the freedom with which they are produced. The color is a deep, rich, velvety crimson, passing to intense maroon, shading almost into black; at a short distance they appear really black. Although some other roses are called the nearest black, the Prince Camille de Rohan is the darkest. It is one of the handsomest dark roses we have ever seen.

Marshall P. Wilder is still the finest of the cherry carmine roses. The blossoms are of large size, good form and very fragrant. It is a vigorous grower and perpetual bloomer, continuing to flower long after other varieties have ceased.

Margaret Dickson is a most charming white rose. The foliage is very large and dark green,

forming a beautiful setting for the pure, waxy-white flowers. There is just a hint of blush at the base of the petals, and in the fall a narrow border of pink sometimes edges the inner ones. The blossoms are very large, the petals reflexed, thick, heavy and waxy. It is very fragrant, and many pronounce it the very finest white hybrid perpetual rose.

The Marchioness of Londonderry is another magnificent white rose. The flowers are very large, sometimes measuring seven inches across, with shell-shaped, reflexed petals and exceedingly fragrant. The plant makes a vigorous growth and has very handsome foliage. It is considered by all a very valuable addition to the list of hardy white roses.—F. B.

Notes on Garden Roses.

In the *American Florist* of April 20, 1901, is an article with above title by Mr. John W. Duncan, from which we have gathered the following ideas, which we think will be of practical use to our readers.

The soil most suitable for roses is a rich loam, preferably of a rather stiff nature. If the soil is light or gravelly, it should be prepared by taking off the top, removing the under soil for about two feet and putting back the upper soil enriched with cow manure or chemical fertilizers, of which pure ground bone is probably the best. There is no danger of getting the soil too rich. Perfect drainage is necessary, as roses will not flourish with stagnant water about their roots.

Plenty of water should be given at all times during the summer; not simply a sprinkling, but a good, thorough soaking.

Liquid manure given freely before the roses bloom will add to the size and beauty of the flowers.

A mulching of barnyard manure should be given after the blooming season is over, to aid the plant in preparing for next year's flowers. Pruning is best done the last of March or first of April.

The rose slug can be destroyed by spraying or syringing with whale oil soap or kerosene emulsion, taking especial care to reach the under side of the leaves. The rose bug can be picked or shaken off into a pan of kerosene and water; a slow but sure way to destroy them.

(Continued on page 19)



MR. JOHN LAING.

Our Village & Improvement Society

By Eben E. Rexford

The subject of village improvement is of interest to so many people, and Mr. Rexford covers the subject in such an admirable style, that we quote his article in the April *New Lippincott* entire.

Our village is pleasantly located. It has river frontage and some very fine trees and quite a number of attractive residences.

It also has a two-acre lot which had long been known as "the park," because it was public property. It was bought years ago, when the town had a "boom," as a site for a court house. But a rival town got the court house, the boom collapsed and our "park" became village cow pasture.

Its fine elms made it a shady, pleasant place, and many of us saw great possibilities in it, if as we used to say to each other, "the town ever improved any." But, like the rest of the village, as a village, the two-acre lot was so neglected that we took no pride in it, and the question of cutting it up for residence purposes finally came before the village Council.

It was this suggestion on the part of some members of the Council which gave birth to our Village Improvement Society, for, when the matter came up for serious consideration, one Councilman opposed the measure vigorously. In conversation with his friends, outside the Council room, he had some severe things to say about our lack of public spirit, which he asserted had resulted in the general air of "gone-to-seedness" which characterized the place.

"Why," said he, "we might have one of the most charming little villages in this part of the country if we had more pride and interest in it. But we don't seem to have any. Every season I hear people from the city remarking about our shiftlessness and neglect of the place. 'It might be made delightful, if ———' And that 'if' of theirs is equal to a volume in its unspoken criticism on our lack of enterprise and improvement. In my opinion, it would be a shame to sell off the park. We may not need it now, but if we ever wake up and do something we'll see the mistake we made, but we'll find it out when it's too late to help matters, for there's no chance to get another piece of land like it. I wish I could stir up some enthusiasm among the people, and get them to go in for a reform all along the line. I read of Village Improvement Societies in other places. One would be a good thing for us, I think."

"Why not have one, then?" suggested one of the group.

"Why not, indeed?" said another. "I'd be glad to join such a society and do what I could to help it along, and I think the rest of our neighbors would. We all see the need of improvement."

So it came about that in less than an hour the village improvement idea was enthusiastically received. It seemed as if it was just what everybody had been waiting for. A public meeting was decided on, and a notice was posted up, asking all who were interested in the improvement of the village to meet at one of the churches on Wednesday evening.

Wednesday evening came, and the church was filled with men and women. The man who had objected to selling off the park was made chairman of the meeting, and he briefly stated its object to the audience. Then two or three of the leading citizens spoke heartily in favor of the project and an informal discussion ensued. The result was that we had no difficulty in effecting an organization, and our Village Improvement Society came into existence with a membership of over fifty.

In discussing the method of management we decided to have everything about it as simple as possible, for some of us recognized the fact that success in undertakings of this nature is largely dependent on simplicity and directness. In order to avoid friction and "running expenses," it was

to have but little machinery in a society of this kind, and that of the simplest character consistent with effectiveness. We dispensed with a formal and elaborate "constitution" and "code of by-laws," for we did not think either was needed. We simply drew up a paper setting forth the object of the society and the few rules we thought necessary to formulate for its operation, and when we had subscribed our names to it we were full-fledged, active members.

In this paper it was stated that membership was conditional on an agreement on our part to devote at least one day's work, spring and fall, to the improvement of home grounds, and to give one day's work, spring and fall, to the improvement of public grounds and vacant places belonging to non-residents if, called on to do so.

Each member pledged himself to the payment of one dollar semi-annually, the money thus secured to constitute a general fund to be drawn on in meeting the expenses attendant on the improvement of public places. We had but three officers, a president, secretary and treasurer. It was understood that the president was to have supervision of all work on public places, with the power of appointing such committees as might be deemed necessary whenever they were needed.

At first we had not proposed to take women into membership, but it was suggested that they had as much right in the society as men had, and would, no doubt, take as much interest in it,—and quite likely a good deal more. Accordingly, it was unanimously voted to admit them.

Let me say right here, for the benefit of those who may decide on having an Improvement Society, that in my opinion it will not be what it ought to be unless it admits women to membership. Let this be honorary membership, if thought best,—by that I mean exemption from the payment of dues and the performance of manual labor—but by all means let women come into the society. Their opinions will be found valuable and helpful, and they will do much by their enthusiasm to encourage good work.

As was stated in the paper to which we subscribed our names, the work of improvement was to begin at home. We began it at once. It was surprising to note what a change was made in the general appearance of the place by one day's work about each home. It seemed incredible that so much could be accomplished in so short a time. We began to realize, then, as never before, the importance of concerted action.

Our first day's work was a valuable object lesson to us. But many of our members were not satisfied with one day's work. They felt that entire satisfaction could only come from thoroughness, and accordingly they kept at it until everything about their places was in apple pie order. Their efforts proved contagious. Those who were not members of the society caught the enthusiasm of improvement, and the good work went forward on every hand. It lasted long enough to enable us to accomplish really remarkable results—not remarkable, perhaps, when individually considered, but quite so when looked at in the aggregate. Old lawns were renovated and new ones were made; trees, shrubs and vines were planted and beds planned for flowers; old fences were mended and painted, some were removed; we cleaned away the rubbish which had accumulated everywhere because of the careless, slovenly habits we had fallen into;—in short, we did a hundred and one things which I need not make special mention of here, but which each member of a society for general improvement will find waiting to be done when an aggressive campaign is begun. In going about the village shortly after the era of reform had set in we were delighted at the evidence of neatness which met us on every hand, and we congratulated ourselves on what had already been effected by combined effort expended along the same line.

We began public improvement at the church. The grounds about it were cleaned up thoroughly and some trees and vines set out; old hitching posts were removed and neat new ones provided; the sheds at the rear were reboarded and painted

a quiet, neutral color. Then we went to work on the school grounds and we did not leave them until they were as tidy in appearance as the grounds about our homes were. We set out a good many trees there, some of them evergreens, made provision for beds to be filled with flowers by the children, and arranged trellises of lath-work, to be covered with vines, as screens for the outbuildings.

Then "the park" was taken in hand. Thistles, mulleins, nettles, and other weeds of an aggressive character had taken full possession, and the cows which had been allowed to feed there had not interfered with them. These we cleared away and sowed the places where they had grown with lawn grass seed. We built seats here and there under the trees and erected a rustic band stand in the center of the lot, about which we planted ampelopsis and bittersweet and wild clematis. These vines have since grown to such size that they completely hide the wood of which the stand is built, and make it really "a thing of beauty" in summer. In some of the open places we set out native plants—golden rods and asters. In others we planted perennial phlox, hollyhocks and clumps of "golden-glow" rudbeckia. Here and there, where they would show to good advantage, we made groups of hydrangea and wild roses and the white-flowered elder of the roadsides and fence corners. In this way we secured considerable variety without the expenditure of a dollar, as all the cultivated plants we used were given us by those who had more than they had use for, and the native plants were to be had for the taking in the fields and pastures. The result of our work here was most gratifying. When we got through with "the park" it was something we were all proud of. We speak of it nowadays in a respectful and appreciative way, and we are justified in the pride we take in it, for it is a park that would be a credit to any village.

Every pleasant evening in summer the young people congregate in it, and once or twice a week the band practices there, and we all turn out to listen to it and visit with our neighbors and congratulate ourselves on the new order of things. It is natural that we should feel a sort of partnership pride in what we have done, because it has been the outgrowth of co-operation.

Each summer affords us fresh proof of the wisdom of our undertaking. Visitors from the city compliment us on the spirit of progress visible on every hand. "It doesn't look like the same place," they tell us. "You have made a model village of it, so far as outside appearances go. Your sidewalks put our city pavements to shame because of their trustworthiness. Your homes show thrift. Your public places are kept in as tidy a condition as your homes are, and that's something that can't be said of many villages. We like it here, and we're coming again." And they kept their word, and our village is becoming quite a summer resort. So we have found that what we have done with very little inconvenience to ourselves has proved a good advertisement for the place and its people, and the present prospect is that we shall get back many times the value of the labor and money expended in improvement, for several sales of property have been made at much better figures than prevailed before we began our work. The increase in the value of real estate is directly attributable to the improvements which have been made by our society.

What we have done others may do. We have proved to our satisfaction that a large amount of money is not needed in an undertaking of this kind. Organized effort is the important thing. Of course some money will be needed, but the sums coming in from dues will generally be found sufficient to meet all demands, unless improvements far more elaborate than ours are undertaken. If more is needed, it will be forthcoming. I am confident, for everyone will feel a personal interest and responsibility in the accomplishment of what has been undertaken, and they will not be willing to let failure result from lack of means to carry it forward to satisfactory completion.

In almost any village the young people could be

enlisted in the work, and they could give entertainments for the benefit of the society and thus realize a good sum, since everybody would feel in duty bound to patronize them.

We have not been ambitious to make costly experiments. Instead, we have been satisfied to make the most of possibilities in a practical way. We have let competent men, having good taste and good judgment, plan the public work for us, and we have been sensible enough not to interfere with them or hamper them with unwise and uncalled for suggestions which we have insisted on having adopted. Wherever and whenever this is done there will be friction. We have performed the work assigned us by those whom we have chosen to take the lead in an honest, hearty fashion, glad to do it, because we felt that it was of general as well as personal benefit. It has stimulated and strengthened our pride in the place we live in. It has made us feel, as never before, the mutuality of our interests.

But we are not so satisfied with what we have done that we feel content to fold our hands and rest on our laurels. We have other improvements in view. Our society seems to have become a permanent thing. One improvement naturally leads to another, and the work of a live Village Improvement Society like ours is a process of general evolution which may go on indefinitely.

Cyclopedia of American Horticulture.

Volume III. of the Cyclopedia of American Horticulture, by Professor L. H. Bailey, comprising subjects from N—Q, has recently appeared, and fully justifies the expectations raised by the two previous volumes. In method and arrangement it corresponds with volumes I. and II.

As the various volumes appear, one realizes more and more the enormous amount of work which has been required in the production of this most valuable contribution to American horticulture. It is not too much to say that each volume has been eagerly looked forward to by all interested in this subject, and volume IV., completing the set, will be received with a feeling that one has the best information there is on all subjects covered by this work, treated in a comprehensive manner, in compact form, and conveniently arranged for ready reference.

The fruit grower will be specially interested in the articles on the Peach and Peach Culture by Professor Bailey, J. H. Hale, J. T. Macomber, R. Morrill, Charles Wright and H. Culbertson; the Pear by Professor Bailey, C. L. Watrous, E. J. Wickson, L. T. Yeomans and George T. Powell; the Plum by F. A. Vaughan and A. V. Stubenrauch.

The article on Parks by Frederick Law Olmsted, Jr., the acknowledged authority on everything connected with the laying out of parks, is very interesting and valuable.

Other important subjects treated are Narcissus, by Professor Bailey, with cultural directions by J. N. Gerard and R. B. Whyte; Nepenthes, by Wilhelm Miller; Nymphaea, by H. S. Conrad, William Tricker and E. D. Sturdevant; Orchids, by Heinrich Hasselbring with extended directions for culture by Robert M. Gray; Palm, by Professor Bailey, Ernest Braunton, W. H. Taplin; Pansy, by Professor Bailey and Denys Zirngiebel; Pelargonium by Professor Bailey, C. W. Ward, T. D. Hatfield; Petunia, by Professor Bailey and Mrs. Thomas Good; Picea, by Alfred Rehder, Thomas H. Douglas, E. P. Drew; Plant Breeding, by H. J. Webber; Potting, by Patrick O'Mara; Primula, by Professor Bailey, Robert Cameron and Adolf Jaenicke; Quercus, by Alfred Rehder.

The volume is profusely illustrated, there being scarcely a page without one or more illustrations, besides many full-page plates. No one interested in horticulture can afford to be without this exceedingly valuable work. Published by the Macmillan Company, New York, Price \$5.00 per volume.

Our deeds are like children born to us; they live and act apart from our own will. Children may be strangled, but deeds never.—George Eliot.

The Carolina Spice Bush.

BY CHAS. E. PARNELL.

Calycanthus floridus, or as it is popularly known, the "Carolina Spice Bush," or Sweet Scented Shrub, is a very interesting and valuable native deciduous ornamental shrub, of compact, bushy, yet spreading habit of growth, attaining a height of from five to seven feet by as much in breadth, with opposite, entire, oval or roundish leaves, which are downy underneath, and chocolate colored flowers, which are produced in great profusion on the terminal and leafy branches during the month of June, and under favorable circumstances at intervals throughout the summer.

The bark and foliage possess aromatic properties, while the flowers exhale more or less of the fragrance of the strawberry.



CAROLINA SPICE BUSH.

This is one of the best of our ornamental shrubs, as it is perfectly hardy, of rapid growth and free from the attacks of insect and other pests. Many years ago it was quite a common species, but within the past few years has been sadly neglected and should be given more attention than it at present receives.

In cultivation, it should be given a very deep, well enriched soil, an open, sunny situation, and sufficient space in which to properly develop itself. Occasional top dressings of well decayed manure are decidedly beneficial and should be applied during the early autumn months, the coarser portions of which should be removed in the early spring, and if at all possible let the remainder be dug in carefully around the shrubs.

While the shrubs are small, grass or weeds should not be permitted to grow up around or near them, and it is best to allow the plants to follow their natural manner of growth, so little or no pruning will be required save an occasional removal of the dead and partially decaying wood, and the cutting back of such shoots as show a tendency to grow out of place.

Under the Trees.

Summer or winter, day or night,

The woods are an ever-new delight;

They give us peace and they make us strong,

Such wonderful balms to them belong;

So, living or dying, I'll take mine ease

Under the trees, under the trees.

—R. H. Stoddard.

Drying Flowers in Sand.

BY MARY FOSTER SNIDER.

For mounting on cards at Christmas and Easter, dried flowers are both pretty and appropriate, and if arranged with taste the effect is often really lovely. Frequently, too, one desires to preserve a few flowers as a souvenir of friendship, or of a delightful visit, or of some happy hour which never can return.

The most popular method of preserving flowers is by pressing them flat between sheets of blotting paper under a heavy weight, but they are altogether more natural, and consequently more beautiful, if carefully dried in sand.

To dry them properly by this method, one requires only white scouring sand and dishes sufficiently deep to permit the flower to stand upright and be covered at least an inch with the sand. After the sand has been placed half an inch deep in the dish, the flowers should be placed stem downward in this sandy layer, arranged as naturally as possible, and sprinkled very carefully with sand till all the petals are filled and the blossoms quite covered. Then continue sprinkling until fully an inch of sand covers them. The sand must be perfectly dry to ensure success, and the flowers should also be gathered on a dry sunny day.

After their burial in sand, the flowers should be placed in a warm, dry situation for a week or ten days, then one should be carefully excavated and examined; if thoroughly dry the others may also be removed. It is always well to have only flowers of one variety in the same dish, as some varieties require a much longer time to dry than others.

If after inspection the blossoms are found to be only imperfectly dried, the operation must be repeated. Every bit of sand should, in this case, be turned out of the dish, and if there is any trace of moisture both dish and sand must be thoroughly dried before using them again, or if preferred, fresh sand may be used.

Flowers dried in this way retain their beautiful forms, and the delicate lovely colors are preserved with remarkable success. They will keep perfectly for a very long time, even for years in some cases. Bright flowers, such as geraniums, verbenas, carnations, pinks, pansies, gladiolus, violets, etc., are particularly adapted for this method. White flowers, and very pale-tinted ones will not answer, nor will the plan succeed with succulent plants as hyacinth, crassula, and others. Ferns, however, do exceptionally well under this treatment, retaining their rich green, as they will not do when pressed between blotting paper.

Tiny gilded baskets of these flowers and fern fronds are lovely when tastefully arranged.

Saint abroad, and a devil at home.—Bunyan.

Absence makes the heart grow fonder.—Bailey.

There is no index of character so sure as the voice.—Disraeli.

As we advance in life, we learn the limit of our abilities.—Froude.

Activity may lead to evil; but inactivity cannot be led to good.—Hannah More.

Manners carry the world for the moment, character for all time.—A. B. Alcott.

Never say you know a man till you have divided an inheritance with him.—Luther.

I would rather be a poor man in a garret, with plenty of books than a king who did not love reading.—Macaulay.

I was much pleased to receive Vick's Magazine, which I think a paper of high merit. I have given it a good circulation by lending it to friends.

Mrs. S. W., Palmyra, N. Y.

The Mission of the Roses

By F. J. Chase, Ph. D.

One day, when my little daughter was a tiny little bit of a thing, not more than a foot and a half long, with head as smooth and white and about as round as a billiard ball, with dark eyes that sparkled like diamonds, and with "no language but a cry"—a language by the way, of which she had complete mastery—my wife wanted me to go shopping with her. But the young autocrat, who had held complete sway in the household for several months—as all first babies do with green and indulgent parents who are scared half to death when the baby cries,—issued a most vehement protest and made a peremptory demand upon both time and attention of the aforesaid parents. It looked as though all the anticipated pleasures of that June day were about to be assassinated, in a most cruel, tyrannical, and heartless manner, when this happy thought struck me: "Why not try an expedient, make a compromise?" I gave the babe a rose which she held in her chubby little hand and looked down upon with wondering curiosity, and with all the intensity of concentrated interest. The compromise was made, the victory won, and three hours afterward on our return, the little queen of our household was asleep in her carriage. Her head had fallen back upon the pillow, the rose was wilted but still in the same hand that had received it hours before, and the same sweet smile still lingered in her face.

This little incident taught me more than I had ever dreamed of before, of the mighty power for good over our lives of beautiful things. When James Whitcomb Riley was sick once, a friend sent him some roses, and he recorded his feelings and gratitude in these words:

"All alone with the roses you send,
Bein' sick and all trembly and faint,
My eyes is—my eyes is—old friend—
Is a-leakin'—I'm blamed if they ain't!"

When men stop long enough to think, they realize a wonderful sympathy with all the forms of nature and life. There is a sacred kinship that binds us in intimate relation to each other, because we live in the same world and belong to the same great family. I believe this goes deeper and links us to all the orders of being from rose to star. There is significant meaning in Lowell's "Under the Willows:"

"I care not how men trace their ancestry
To ape or Adam; let them please their whim;
But I in June am midway to believe
A tree among my fair progenitors,
Such sympathy is mine with all the race."

In these June days of the roses, an old man ought to get young again by rolling on the grass, or walking in the garden, or digging around the roots, and smelling the sweet flowers that load the morning air with their fragrance, just as the giant who wrestled with Hercules was fabled to have renewed his strength every time his feet touched the ground.

June always gives me back my childhood days. I go back to the old farm house by the side of the running brook, the hillsides carpeted with green, the pine grove and the hemlocks, the "fishing grounds" and the play grounds, the fields and the flowers, the birds and the bees, brothers and sisters and schoolmates all come back, and though I know I shall never see those things again as they were, how father and mother loved and petted and chided us, I still catch from it a suggestion of that time which the future holds for us, where the summer shall be our own forever in the land where all are young. And so with the dream of the past and hope of the future, just at this time we should be more brave, true, and strong and say:

"Joy comes, grief goes, we know not how:
Every thing is happy now,
Every thing is upward striving,
'Tis as easy now for the heart to be true
As for grass to be green, or skies to be blue,—
'Tis the natural way of living."

It is our unnatural and artificial ways of living that rob us of much joy and peace. The rose teaches us the simplicity and purity of life. He who cultivates flowers, cultivates virtues that lie at the very foundation of his happiness. It is the naturalness of James Whitcomb Riley that attracts us. After a visit to Washington, D. C., he wrote:

"The whole thing's artificer 'n artificial flowers!"

This exaggerated expression is owing in part to the fact that he saw only the superficial, because he did not penetrate to realities beneath the surface of life in the great city. But in this he emphasized a wholesome truth, *viz*: The nearer we keep to nature's heart, the more moral safeguards of life shall we find.

Laws fail to make men good. There is a subtle influence and power behind all statutes that make for righteousness, and without which society would become demoralized. Conventionalities are stilts for those who imagine themselves superior beings. Laws are for the disobedient, not the true. The keeper of a dummy drug store in Kansas has the moral toboggan-slide of his life well greased with a prohibitory law at his back, and, as Bill Nye once said, "with a tall red barrel in the back room filled with a mixture that will burn great holes into nature's heart and make the cemetery blossom as the rose, and in a few years he can sell enough of this justly celebrated preparation for household, scientific and experimental purposes only, to fill his flabby pockets with wealth and paint the pure air of Kansas a bright and inflammatory red."

Nature teaches man to be unselfish and true. See how the rose wastes its fragrance, and with what modesty it displays its beauty! There is neither selfishness nor prodigality about it. With the same liberty, the average man is both selfish and prodigal,—prodigal in his selfishness, and selfish in his prodigality. The natural term of a hog's life is more interesting to some men than that of an empire. That their cabbages take firm root and be kept free from worms is of more importance than all the leaves on the Tree of Life which are for the healing of the nations.

If a man does not want to see beauty and goodness he will not see it though he should walk through the paradise of God. Disraeli could not see any good in Gladstone, or he never would have described him as "a bombastic rhetorician inflated with the pomposity of his own verbosity."

The roses bid us stop and be friendly. Men should take time to be kind, polite, courteous. Many people are so greedy to get together the goods of this world and store up money, that they have no time for the gentle ministries of a true and loyal friendship. There is no greater folly. The rose you pluck and wear till it withers does not quite satisfy you. But let some friend present that rose to you and its value is increased a thousand-fold. It may be that you will keep its dead leaves till you yourself are dead.

The trouble with most of us is, that we pick our own roses for our selves. That is, we are too busy to be kind, or even to really enjoy life. We are too much like the old woman who boarded a train at a country station for her first journey on the railroad. The passengers smiled as they watched while she settled herself and her belongings, as if she expected to travel around the world. A young relative called her attention to a beautiful view of the lake, but she was so busy with tucking a veil over her bonnet that she hardly noticed.

"Pretty soon, John. As soon as I get everything fixed all right, I am going to sit back and enjoy myself," she said. "I have always been lottin' on a ride in the cars."

But her satchel, basket, and box were not easily arranged to her liking, and the forty-mile ride was brief.

"Already?" she exclaimed, as the name of her

destination was called. "Why, I've hardly had a mite of pleasure from the journey yet! If I'd thought we were going to stop so soon I wouldn't have wasted all my time fussin'."

Of course, the passengers all laughed. But many take the whole of life's journey in very much the same fashion as this silly old woman. With the irrational spell upon us of love of gain, or honor, or power, the flowers of friendship that might grow and blossom are ruthlessly trodden under foot. The years roll by and at last, perhaps, these things have lost their beauty and charm for us. And so instead of ever coming to that time when we can "sit back and enjoy ourselves," to use the old lady's expression, we have lost the art of enjoyment and find that the afternoon of life is not the time to acquire it.

The sweetest flowers of friendship, if they are to be had at all, must be plucked day by day while the blossoms are on the bushes. Life itself is like the wild rose-tree about which Richard Watson Gilder sings:

"On the wild rose-tree
Many buds there be,
Yet each sunny hour
Hath but one perfect flower.

Thou who wouldst be wise,
Open wide thine eyes;
In each sunny hour
Pluck the one perfect flower!"

As the rose gives of its life, impoverishing itself of its essential quality, so we should give ours to those whom we love. Having given freely we shall freely receive. Our impoverishment then will be only investment after all. Many rob themselves of the deep joys of true friendship because they fail to give expression to the kindness that is in their hearts. Many keep the flowers until after the friend is dead and then heap them on the coffin and pile them up around the grave. In many instances where there has been coldness and restraint and cruel economy of kindly words and sympathetic care for one another's comfort and happiness, we see the coffin covered with the weight of roses and lilies indicating the love for that friend that hitherto has gone without adequate expression. It would be much better if these flowers could be distributed along the years, coming in now and then as little reminders at the close of a weary day or tired week.

Our friends will not need these things in heaven. "People who are fortunate enough to get there are not hungry, or tired or discouraged. Such tokens of tender pity will be entirely out of place up there.

But right here amid the strife and turmoil, doubt and fear, God has furnished the flowers to speak their messages of good cheer and comfort. If we do not help them to speak to other hearts what they have spoken to us, we not only impoverish ourselves, but unwittingly add to the cheerlessness and gloom of the world that already has more than its share.

An old fable tells how a Persian moralist once took up a piece of scented clay and said to it: "O clay, whence hast thou thy perfume?" And the clay said: "I was once a piece of common clay, but they laid me for a time in company with a rose, and I drank in its fragrance, and have now become scented clay."

And so if we would have the rarest perfume, which makes friendship the sweetest human thing in all the world, we must take time and linger in the atmosphere of the roses of true friendship until we are pervaded through and through with their sweet fragrance.

Come, and I will show you what is beautiful:

It is a rose fully blown.
See how she sits upon her mossy stem
Like the queen of all the flowers!
Her leaves glow like fire;
She is the delight of every eye!

For the world is full of roses, and the roses full of dew.

—James Whitcomb Riley.

DORA'S ROSES.

BY INA MAY HAYS.

Little Dora Gray was sitting, lonesomely, in the little patch of wintry sunshine that managed to creep over the high board fence that formed a barrier between the rickety tenement home and the stately mansion "on the other side." She was thinking sorrowfully of her country home where, at least, they were not stinted for sunlight. During all of their long year in the city she had grieved for the grass, the flowers, the little three-roomed cottage; and this day had seemed the darkest, dreariest mark in the calendar of time. Suddenly a flash of color came from the other side of the fence and a bunch of magnificent red roses came over, right into her lap. Dora was startled, but only for a moment. Only too often did far less agreeable things come over that fence, for their miserable home fronted upon the alleyway of the mansion. Thankful for the goods the gods had given her she clasped her treasure to her breast and ran into the house with it.

"O how pretty," cried her sister from her chair by the window. "Our New Year's gift, sister, you said we'd be sure to get one," said little Dora happily. She ran to get a pitcher, cracked, broken-nosed and handleless, but beautiful with their bunch of fragrant flowers, only just beginning to fade.

"See, Dora, here is just lots of new growth upon these long stems. I am going to try and root some of them, just for the sake of having a few sprigs of green in the window. Run and see if you can find a saucerful of sand."

"Why, sister, where could I get sand here, even if everything wasn't frozen out of doors. There's not more than that much soil in the whole yard, let alone sand." Mary laughed as she always did at little Dora's petulant fault-finding.

"Well I'm determined to have my sand, so give me the scissors and I'll rip open the pincushion. It will be good to see some sand from our dear old creek again." A dish was procured, the sand emptied into it and a dozen rose cuttings stuck into the wetted sand. After a time several of these sprouted and eventually five thrifty cuttings were transferred to a worn out wash pan, filled with dirt from under the broken door-step. Every night they were snuggled up to the feeble fire and all day they sat in the sunshine. They grew apace and when the summer came again the girls took them back to their little home in the country. Tired and sick of the struggle to live in the city, to prolong which struggle they had sold everything they could dispose of, and had even borrowed money on their little home, they were glad to return to its shelter.

Four years passed away; Dora, the child of ten, was a demure maid of fourteen, whose shabby dresses and rough shoes could not entirely disfigure her. Mary, the elder, was struggling to support the two, and had succeeded in disposing of the mortgage, but had almost broken down in the struggle. This Christmas time Dora was going to the city with a neighbor to buy herself a new dress, her first in a year. "Take good care of my roses, Mary," she called back merrily as they drove away. "Maybe I can sell some of them in town."

"All right, dear, try to sell enough to buy me a sewing machine," she responded gayly, turning back with a half sigh. She stood before the window where the roses were and feasted her eyes on their beauty. Four, strong, bushy roses stood there, laden with buds and blossoms. "Maybe she could get a dollar or two for them if she had them in town. Poor child, I wish I had cut them for her and told her to try to dispose of them among the market stalls. A dollar would be a small fortune for her." But time was precious to Mary and she sat wearily down to the worn out sewing machine upon whose heavy treadles depended their daily bread, for Mary was the dress-maker for the country folk for miles around, her apprenticeship in the city having proved very valuable to her inasmuch as it had developed her

latent genius and given her the advertisement her work merited.

Dora accomplished all her errands and learning that her neighbor friend would not be ready to leave for a couple of hours, went down to a florist's shop where she had feasted her homesick eyes while she lived in the city. She intended to invest her sole remaining quarter in a plant for Mary's Christmas present, and was hesitating between a small lily and a large geranium, when her attention was attracted to the conversation between the florist and a gentleman who had just entered.

"Did you find them, sir?" asked the florist.

"No. Every American Beauty in the city sold a week ago."

"Telegraph to other places, Moss. I must have them."

"I have already telegraphed every place I know of, Mr. Hallam. The answers are all the same: 'Sold out.'"

"And you have only a dozen?"

"That is all."

"They are worth twelve dollars per dozen. Moss, I'll give you fourteen if you can let me have them."

"I couldn't do it, Mr. Hallam. If they were twelve dollars apiece, I couldn't supply them."

"I beg your pardon for interrupting," said Dora timidly. "But are those large, red roses American Beauties?"

"They are," said the florist briefly. He was out of humor with himself and the world in general.

"I have some of them for sale, sir. I didn't know their names before."

"You have?" ejaculated the florist incredulously. "American Beauties? Where are they? You are certainly mistaken."

"No sir. I am not, if those are American Beauties. Mine are larger and have nicer foliage."

"Where do you live?" asked Mr. Hallam eagerly.

"We live in the country. About ten miles out," she responded.

"How many roses have you?"

"This morning we counted twelve fully opened and ten buds almost half open. There will be two more open full to-morrow," she answered modestly.

"Two dozen, Moss. With your dozen that will be enough," he said eagerly. "When are you going home?"

"I am just waiting on the neighbor I came in with," she said.

"Well, we'll hunt him up, excuse you, and I will drive you out in my surrey. Moss, do you want to go along?"

"Yes, I certainly do. I am afraid you will have your drive for nothing, however."

In a short time they were in the room with the roses. Dora felt repaid for all her praise of her pets when she heard the hearty admiration expressed by both men. Soon they were clipped with long handsome stems and laid in the box which Mr. Moss had brought with him. Then Mr. Hallam counted into her hand twenty-eight dollars. "O," she cried, "I can't take that much money for two dozen roses."

"They are worth that, and more, to me," he said. "Your plants are good for as much more if you will let me know when the rest of those buds bloom," added Mr. Moss. "I'll take them from you at the best wholesale price, for they are the finest American Beauties I ever saw outside of specimen show flowers. Where did you get them?"

After Dora had told her story, Mr. Moss discovered that he had sold the original bouquet, as the people who lived in the mansion house were his regular customers. Mr. Hallam thought it quite strange that a little girl and an amateur of the purest type, had taken his stock and improved it by superior care, until it outranked its parentage.

Mr. Moss kept his word and bought all of her blossoms until they were gone and would have bought the four bushes if she had been willing to sell them. Of course the sewing machine was bought and something nice in the way of Christmas cheer besides.

It has been several years since this happened but in the window of Dora's present home one of

those roses blooms yet. Many dollars' worth of roses she has sold from those bushes and their descendants. After she discovered their value she proceeded to start cuttings and increase her stock as well as she could, buying plants and adding to them until she could build a small greenhouse which now covers a town square, while her grounds are well stocked with young and old plants for sale. Her regular city trade gives her a good income, and she has an ever-increasing demand for plants. She is comparatively "well fixed," and she feels that she owes it all to that discarded bunch of roses, which came to her over the back alley fence.

Shirt-waist Box.

There are few articles of simple construction, which are more useful than the shirt-waist box. Indeed, if you use one for these useful garments, you will wonder how you ever got along without one for your dress waists.

An ordinary shoe-box which may be purchased at any shoe store for twenty-five cents is the basis. The cover is attached by a pair of stout hinges, and the whole affair is covered with any covering you may happen to have; though chintz is the prettiest material. Apply it to the box part in a scant boxpleated flounce, fastened on with brass-headed nails. Stretch it tight over the cover, having first tacked to this latter some sheets of cotton wadding, or some pieces of an old comfortable.

The box when complete makes a comfortable window-seat, or a good article of furniture to put at the bed's foot. If you are a bride you will place in the bottom of the box a cover cut just the right size, of pale pink or blue cheese-cloth or silk and delicately scented. Another pad with which to cover the freshly laundered waists is the finishing touch of daintiness. Most busy women, however, will be contented with fresh tissue paper in the place of the scented covers.

One of these boxes treated just like yours is most convenient for John's shirts, and is long enough too for the fresh collars and cuffs.

It is a curious fancy that has made May an unpopular month for weddings. It is one of the loveliest months in the year. All nature wakes and rejoices, the sweetest bird songs are sung then and the sweetest flowers—save the rose—are in bloom. The June bride often has to contend with extreme heat, but she may revel in delicate sunshine, lace and ribbons, and it is a great satisfaction to a thrifty soul with a mind on a bank account, to know that her wedding finery while charming is comparatively cheap, and that she may get it all for what one silk dress would cost her.

Too much cannot be said about the value of this same bank account. If you have fifty dollars to spend on your clothes, lay aside ten of it. If you have five hundred put away as a nest egg, at least a hundred. You cannot begin too soon to provide for that rainy day which is so sure to come sooner or later, and a buffer against fate laid up in the bank, is a source of mental strength and a very pleasant help in time of trouble.

Every woman should make a point of spending some time each day out of doors. Though the body may have acquired its full growth, there is that thing within us which we call the soul, which requires a chance to stretch its wings, an opportunity to soar. Communion with Nature, the solace provided by the sky, the flowers, the birds, is within the reach of nearly every one and should not be neglected. There is no plant nor insect so humble but that it may teach us a lesson. Even the ant, whose habits we think we all know, may prove an unexpected source of interest. We learn with surprise the ways of this tiny creature, her courage, her industry, her intelligence and her faithful perseverance in the face of incredible obstacles. The study of Nature's handiwork sends us back to our own task refreshed, encouraged and stimulated.

—N. HUDSON MOORE.

My Cousin's Widow

By Carolyn Stoddard.

PART III.

She sighed, and was silent a minute, then turned to me again with a gentle smile.

"The burden laid upon us is never really heavier than we can bear, if we try. The most desolate of us all have little gleams of sunshine to cheer our path. The comfort of your kindness has been very great, and one morning when I rose with a feeling that was almost despair on me, lo! there was a loving letter from my sister Katie, on the breakfast table. She had been estranged from me for a long while; I acted once in a way she thought foolish and unkind towards them all, and she would not see then that I could not have held out against all their prayers and inducements, unless my motives had been honest and true. I could not tell them the exact truth for fear of compromising others; but I fancied they would trust me, as I should have trusted them. However, Katie was high-spirited, and I had to be firm for conscience sake, so that we parted painfully. But the poor child has had her troubles, too, of late, and they have softened her heart towards me, for she wrote me very lovingly the other day, and, what is more, she is saving a little money in her situation in order to be able to spend her holiday with me. This is my gleam of sunshine," she added, "and you cannot think how thankful I am for this much of help on the dreary road. But I shall tire you with all these stories, and you are not strong yet. Good night."

"Don't go yet," I said: "the boy must be asleep, and I am almost as lonely as you."

She had risen, but she sat down again at my request, and we talked of many things together. I had never had such a congenial companion before. She was cultivated and sympathetic, logical and yet tender, whilst a mere hint of your meaning sufficed in a discussion, and brought out her own opinions and views, which almost invariably coincided with my own.

An hour passed so quickly I could hardly have believed it was so late. I think the truth came upon her unawares, also, for she rose abruptly, and said she must be going; she would thank me again before she left and seemed relieved I thought, that I did not urge her to accept the assistance that would have been so painful to her pride.

But I had a plan in my head for helping her materially, without her being conscious of the fact. I was well enough to go out the next day, and my first visit was to the library, where I found the original sketch, which was really spirited and clever, and ordered half a dozen on any subject the artist might choose, for myself.

The widow no longer came to the beach of a morning, and we should never meet, I thought, unless I made a bold stand for what I was pleased to consider my rights. I did not see why I should be sacrificed to conventionalities. I had an honest meaning and a clear purpose, and was prepared to tell her of both when the proper time came.

Meanwhile, I found myself yearning for her presence with a kind of passion; whilst the sweetness went out of my daily life, because I had learned what real companionship and sympathy might be, and neither was mine. I was tired of being a useless bachelor. If the widow would have me, I was ready to increase my responsibilities to any extent. I would take faithful and loving care of herself and the child; of high spirited Katie, if she would suffer it; of the anxious mother and her three great hungry boys. There should be fine holidays for them at Lornley—boating, fishing, shooting, making the autumn days only too short; whilst my dear wife would love me with a deeper love, that my care was for them as well as for her.

The picture I had drawn was so pleasant, that when I got to the door of the poor lodgings where she lived, I was inclined to put the question to her at once, if she only gave me a smile.

However, she was out, and I went away disappointed. I left my card with the landlady—who seemed surprised at the ceremony—and begged her to tell Mrs. Grey that I should call the next day at the same hour, and should hope to find her at home.

Being accounted rich, I could see that my visit imposed on the woman, and raised Mrs. Grey in her estimation. She spoke of her as "poor dear" in the first instance; but after seeing my card, and hearing my cordial inquiries, she substituted "poor lady," and assured me, with a great many sighs and sniffs, that her patience was a "pictur'."

"She's doing drawing work now for a living, sir," she added in a confidential tone! "and as I tell her, it's a deal better for the eyesight than all that 'broidery, though she do do it most beautiful, too."

I gave the woman half a crown, because through all her vulgarity and love of gossip, there pierced a certain feeling which I wanted to enlist in her lodger's service. Even from such as she a word of kindness is valuable in moments of depression and doubt.

We parted excellent friends, you may be sure, and I left the bouquet I had brought with me in her charge, hoping that it might gladden the young widow's sight when she returned presently from her walk.

The next day I found her at home, and ventured to propose that she and the boy should come for a drive with me on the morrow. It was only the thought of the pleasure it would be to the child that made her consent, I am sure, for she hesitated a long while before she would promise.

"You forget," she said, "that I have my bread to earn, and cannot afford to waste precious time even as a holiday for Reggie; but just this once."

"You will go?" I inquired, eagerly.

"But only for once. There are several reasons why you must not ask me again."

"We shall see," I said. "I always leave the future to take care of itself."

"Because you are rich. I can't afford to be so heedless."

"You will be rich, too, one of these days."

"Never! How could it be? I haven't even a wealthy old uncle to die opportunely, as they do in the novels. I shall work till the boy makes a home for himself, and then he must find me a chair at his chimney-corner. I shall be glad of rest by that time, and I will be so loving to the little ones, that his wife won't grudge me my modest share of their comforts. I am ambitious, you see; but one must make a future in one's dreams."

"I predict a very different one for you, Mrs. Grey."

"What is it to be, then?" she said, opening her wide clear eyes to their fullest width.

"I will tell you some other time."

"Why not now?"

Was she really curious, or only trying me?

"Won't it do tomorrow?"

"I see you have no pity on my impatience," she answered, smiling. "However, I will try to wait."

I wonder often now at her perfect unconsciousness of my meaning and intentions, for I fancied I made them tolerably clear. But she had wonderfully little vanity, and I suppose that her poverty seemed to her an effectual bar to anything of the kind. The cool, soft pallor of her cheek never brightened when I looked at her, though the love in my heart would keep stealing into my eyes, and I had hard work to repress my feelings. I began to see that it would be unwise to speak yet; I should only startle her, as she seemed so unprepared, and get a decided rejection for my pains. Whereas, by waiting I could prepare her mind gradually, and force her to acknowledge the probability before I presented it to her as a fact. But I had hard work to school myself.

She would not disgrace me, she said; and so

she dressed herself in a sober silk to ride in my carriage, and, discarding the black hat she had always worn, crowned her golden head with a dainty coronet of violets and lace.

How lovely she looked and how charmingly she smiled, when the boy laughed and crowed at the horses, and wanted the green hedges to carry home. I don't believe she thought of me, except as the kind cause of their pleasure: she was so absorbed in the child—so happy in his delight.

"Reggie ought to go out for a drive into the country every day" I said, snatching a bunch of honeysuckle as we passed, and tossing it into his lap. "So ought you. You are looking wonderfully better already."

"Am I? It is very nice, only it would not do for every day to be a holiday, you know."

"I don't see that. It is for men to work."

"And for women to suffer," she answered, with a sudden cloud on her face. "But we won't talk of sad things this afternoon. How refreshing it is to see a green lane! I am so tired of the sea! I wish Reggie and I could live out here, and have a little garden of our very own; but it is so foolish to be always wishing for things one cannot have."

"Wouldn't you like some flowers to take home with you?" I said presently. "We shall be coming to a farm house in a minute or two, where the roses are lovely, and the milk as rich as cream. I thought we would put up for an hour, and give the boy a feast; he looks thirsty and hot."

I was getting almost jealous of the child, and yet I had to think and talk of him to gain a smile from her. When he was on my knee she turned my way, and her hand touched my hand reaching to him. At other times she seemed scarcely conscious of my near neighborhood unless I spoke. It was very discouraging—the more so as I was in a great hurry to be happy.

Reggie had a big bowl of bread and milk for his tea, and a basket of eggs to carry home, and was very excited and voluble until he fell asleep. Then the young widow bent her wistful white face over the roses in her hand, and sighed.



COMBINATION MICROSCOPE

This is specially imported from France and usually sells for \$1.00 or more. As regards power and convenient handling, good judges pronounce it the best ever introduced for popular use. It has a fine polished brass case, and powerful double lenses, magnifying 500 times. An insect holder accompanies each Microscope. Insects, flowers, seeds, water and all other small objects may be examined with this Microscope, and the result will amuse, astonish and instruct you. It is not a cheap and worthless Microscope, such as many that are sold, but a real scientific instrument, guaranteed as represented and to give perfect satisfaction. The use of a good Microscope not only furnishes one of the most instructive and fascinating of all employments, but is also of great practical use in every household. It tells you whether seeds will germinate, detects adulteration in food and is useful in a thousand ways. Every person should have one. Special reduced price 40 cents each postpaid, 3 for \$1.00 postpaid.

SPECIAL OFFER: We will send one of these Microscopes, postpaid, and Vick's Magazine one year for only 70c. We will give it as a premium for securing only two subscriptions on any of our offers published in the Magazine.

VICK PUBLISHING COMPANY.

Triangle Building

Rochester, N. Y.

"They are very beautiful," she said," and yet they remind me of so much that is painful and sad. Would you think me very ungrateful if I threw them away? I want to keep even the end of my holiday bright, and it has been such a pleasant day."

I took the bouquet out of her hand, and flung it under the horse's feet. Then she rallied at once. She was soon quite cheerful again, and told me of her wonderful luck with her drawings, asking me whether I thought the old farm-house where we had taken our tea would make a pretty sketch.

You may imagine that I favored the idea, and waxed enthusiastic over its ancient gables, making her promise that she would allow me to drive her there just once more, when the sketch was in progress, in order to refresh her memory. I made her consent appear a duty to the person who had ordered the drawing, and persuaded her that any want of accuracy would be an injury. So that she finally gave in, and even thanked me, in her innocent way for reminding her of her obligations.

A few days after this, I noticed suddenly a change in her manner. She became cold and constrained, and evidently avoided me. I thought I must have offended her, especially when she told me she had changed her mind about visiting the farm-house again to finish her sketch. The very evening before, she had mentioned the project with pleasure, and had been trying to make the child understand the pleasure in store for him. Therefore it struck me that evil tongues had been at work, and knowing her landlady to be a virulent gossip, I laid the mischief to her. Anyhow I meant to know the truth. My happiness was so wrapped up in the young widow by this time that she could lift me to the height of bliss with a smile, or plunge me into the lowest depth of despair with a frown. Unfortunately she had no idea of her own power, and tortured me cruelly now and then without being conscious of the fact; only that the very things I complained of now had attracted me in the first instance, so that it was, perhaps, unreasonable to object now.

But when are lovers ever reasonable, I should like to know?

I doubt if Aristides would have earned his title of "the Just" supposing he had ever been a victim to the tender passion, and had found his principles involved with his predilections.

PART IV.

For three days Mrs. Gray kept me at bay, with that wonderful tact and skill known only to her sex; and for three days I chafed and fumed against the tacit decree without being able to set it aside.

On the fourth I grew absolutely desperate. I would see her somehow or perish in the attempt. The intensity of my feelings drove me to tragedy for relief, as you will perceive, and, to tell the truth, I was a little frightened at my own sensations.

All my life long I had prided myself upon being cool and collected in trying circumstances, and now a lad of eighteen could not have been more eager and excited than I.

I abjured meals *in toto* for that day, and took up my position behind a shed, where I could watch Mrs. Grey's window, and see everyone who left the house. For six mortal hours I never saw so much as her shadow across the blind, and then my patience was rewarded. She came out, holding her boy by the hand, and looking anxiously from right to left to make sure that she was not observed.

She had a portfolio under her arm, and a little case of pencils, and looked to me, anxious and sad as she guided the child's uncertain steps over the threshold, and tried to find him a smile.

I let her get nearly out of sight, and then I followed, resolved not to make myself known until we were well out of the town. She took her way along by the river, where there are some pleasant green lanes; and presently, when Reggie became tired, she carried him along in her arms.

Continued on page 23.

SUBSCRIPTION OFFERS

GOOD UNTIL JULY 15th ONLY

We are making special subscription offers to accept yearly subscriptions at 35 cents; two-year subscriptions at 50 cents and five-year subscriptions at \$1.00. These are wonderfully liberal offers considering the size and excellent quality of our magazine.

These Special Offers Will be Withdrawn July 15, and after that date no subscription will be accepted at less than 50 cents.

Our Plans for the Future.

In the early fall it is our intention to put on illuminated covers in colors and to use an excellent quality of half tone paper throughout the magazine and to illustrate it more profusely. We shall probably add several more pages thus making it by far the largest and best publication for the price in America.

Subscribe Now! Do Not Delay.

If you put it off you may forget it. It will pay you to subscribe for two years at least—if you make it five you will be wise. If you tell your friends of these offers, you will do them a kindness and help us at the same time.

If you need any of the premiums which we are offering, we would be pleased to have you begin work at once. You will be pleased with them. If you do not need them, tell some worthy neighbor who does, about our generous offers.

Vick Publishing Company,

Triangle Building

Rochester, New York.

BOYS & TRY FOR THESE PRIZES & GIRLS

\$25 in valuable prizes to be given away to successful contestants in this Prize contest

FIRST PRIZE: A \$16 Bicycle, either boy's or girls.

SECOND PRIZE: Either a boy's or girl's nickel Watch, price \$4.50. It is a handsome watch and a good time-keeper.

THIRD PRIZE: A Cyclone Jr. Camera, price \$3.50. Takes good pictures 3½ inches square.

FOURTH PRIZE: A complete set of the Leather Stocking Tales. Five books in all, neatly bound in paper, price \$1.00



CAN YOU DRAW?

The above prizes will be given for the best drawings of the bird shown in this advertisement. The first prize for the best drawing; the second for the second best; the third for the third best and the fourth prize for the fourth best drawing. You may make a "free hand" drawing or may make it by tracing with tissue paper as you prefer. Do your best—if the first one you make does not suit you, try again and send your best one to us. Write your name and address plainly on the back of the sheet containing the drawing.

CONDITIONS: The only conditions of this contest are that you must send us a subscription, either new or renewal, to VICK'S MAGAZINE, with your picture. The subscription may be that of

your parents or of a neighbor or friend. You will be entitled to submit one drawing for each subscription you send in. If one drawing does not win a prize another may. It will be easy for you to get the subscriptions just now as we are making special low rates of 35 cents for one year and only 50 cents for two years.

This contest will close and a new one be started as soon as 250 drawings have been submitted. If your drawing should be No. 251, it will be No. 1 on the second contest. **You stand a better chance than you would if thousands were allowed to compete.** Send your drawing at once and be one of the first 250.

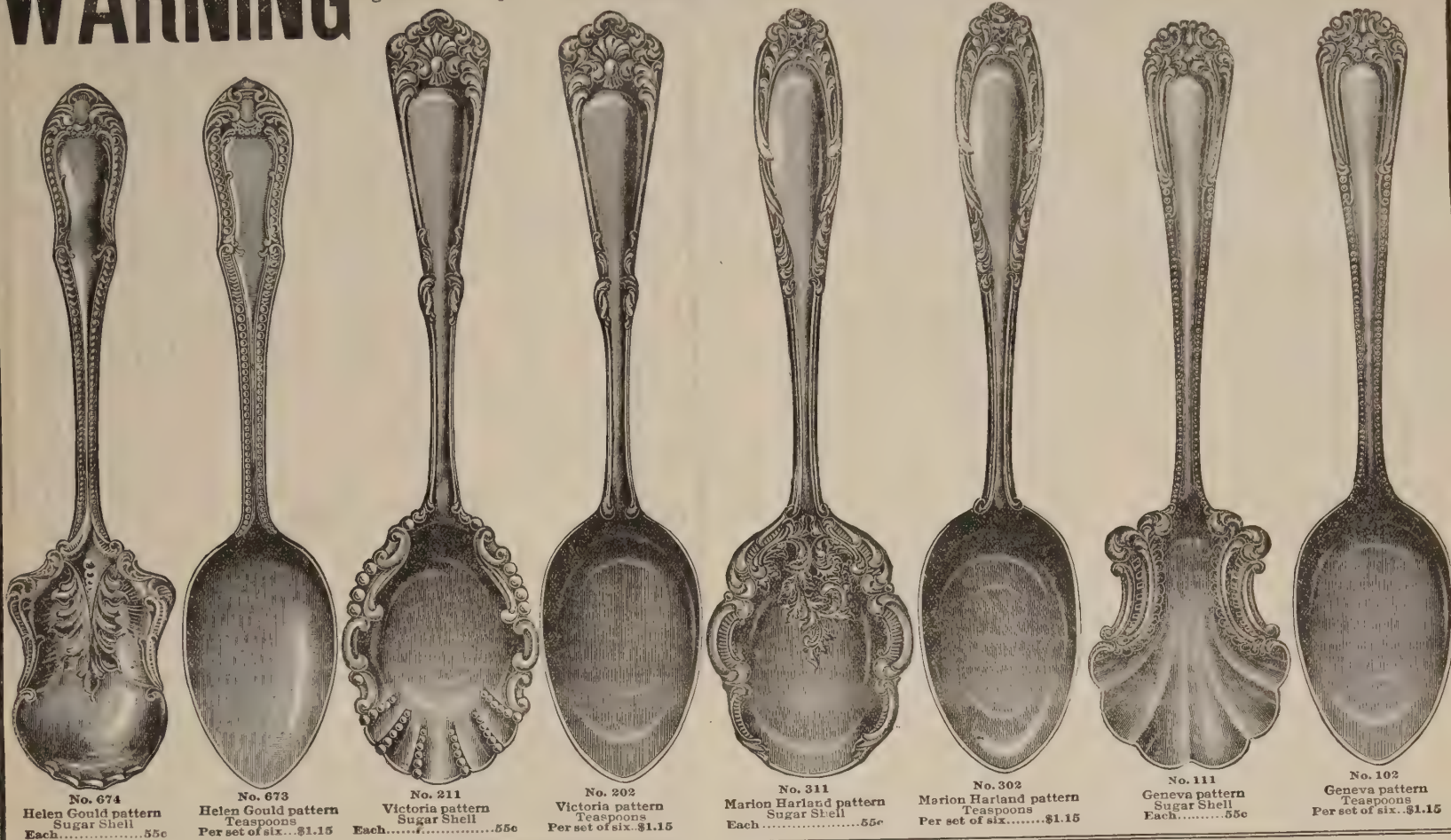
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Vick Publishing Co.

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WARNING

TO EVERY LADY WHO READS THIS PAPER: The following letter contains the offer of an absolute gift to you. You don't have to buy anything to get it. It is a bid for your everlasting friendship and good-will. If you overlook this offer it will be a loss to you and a disappointment to us.



DEAR MADAM: If you will kindly advise us as to your choice of the Solid Cuevee Silver Sugar Shells illustrated above, we will take pleasure in sending you one of them, with our compliments, free of charge. This is quite a remarkable offer.

It is our way of advertising the merits of Solid Cuevee Silverware. You probably have heard of this wonderful discovery in metallurgy. Solid Cuevee Silver is fast superseding sterling silver for table ware. We guarantee that it is at least the equal of sterling silver in all respects, and know that in some respects it is better. It has exactly the same color, looks just like it, is harder and will wear longer. Spoons made of this metal are the same through and through. There is no plating to wear off. WE GUARANTEE THEM TO WEAR FOR FIFTY YEARS. We send a certificate to this effect with every set and will replace, free of charge, any set that fails to do so. (Our company is regularly incorporated for ninety-nine years. Our guarantee is good now and will be good fifty years hence.) We feel assured that after you see the sugar shell which we propose to send you, you will also want a set of teaspoons to match it. We will give you an opportunity to obtain a set without paying a cent for them. Moreover, we are willing to send them along with the sugar shell. After receiving them show them to your neighbors, secure orders for two sets like them at the regular factory price, as quoted above, with the understanding that we will give 30 days' time on these goods which you sell--no money in advance--AND WILL ALSO INCLUDE WITH EVERY SET A SUGAR SHELL OR BUTTER KNIFE TO MATCH, FREE OF CHARGE. Send these two orders to us, and the set which we send you with the sugar shell will be yours. We will give them to you as a premium for securing these two orders. If you fail to secure these two orders for us, RETAIN THE SUGAR SHELL AS A GIFT IN ANY EVENT, and return the spoons. (The return postage will be six cents.) We will give you 30 days to secure the orders for us, but it should not require 30 minutes. Remember, WE DON'T ASK YOU TO COLLECT ANY MONEY IN ADVANCE FROM THOSE WHO ORDER. We will send the goods to you and give you 30 days to collect and remit. We prepay all charges.

If you don't desire to secure these two orders for us it is likely that a youth or maiden of your household would feel proud to assume such a business undertaking. Thousands of our best business men and independent self-supporting women have secured their

first and most valuable business lesson in an effort of this kind. The order for the spoons, however, must be signed by yourself and not by a child.

We will also send you a copy of the Home-Furnisher, showing an elegant line of household furniture which we are giving our agents for securing larger clubs of orders. These premiums include solid oak Bed Room Suits, Book Cases, Reed Rockers, luxurious Couches, elegant Dinner Sets, Tables, etc. If you desire to work for one of these premiums we will give you the sample set, together with the sugar shell, IN ADDITION TO ANY OF THESE PREMIUMS THAT YOU MAY EARN. Now, please understand the proposition: We will send you, postpaid, a full set of six teaspoons, any pattern, and will include a sugar shell to match. Sell two sets like them in 30 days and the sample set is yours; also the sugar shell. If you fail, return the teaspoons AT YOUR EXPENSE (which will be six cents for postage) and keep the sugar shell as a gift. If you secure three or more orders, keep the sample set and the shell and also select a further premium from the Home-Furnisher. With the sample set we will also include a catalogue of our entire line of Cuevee Silverware for you to use in taking orders.

Kindly make your choice and fill out and return the following blank. Upon its receipt we will send you the teaspoons and sugar shell by return of mail, postpaid. Please bear in mind that in the event of your failure to get the two orders you will at least have an elegant sugar shell, worth 55c, free of charge, for simply making the effort. As we don't intend to keep this offer open long, we would ask you to favor us with an immediate response.

Sincerely yours,

QUAKER VALLEY MFG. CO.

General Office: 353 and 355 W. Harrison St. Chicago.

REQUEST FOR SUGAR SHELL AND SPOONS.

QUAKER VALLEY MFG. CO., Chicago:
Ship immediately, by mail, postpaid, per terms of your offer one..... State Pattern Wanted.
Solid Cuevee Silver Sugar Shell, and one set teaspoons to match. I agree to make an earnest, conscientious effort to secure orders for at least two sets of teaspoons like those you send me, with the understanding that you will include a sugar shell or butter knife to match, free with each order, and will send the goods without any money in advance, and give me 30 days to collect and remit. If I fail to secure these orders, I agree to return the sample set of teaspoons, by mail, postpaid, within 30 days after receiving them, and to retain the sugar shell as a gift from you.

Name.....
(WRITE NAME PLAINLY - MRS. OR MISS.)

Post Office.....

County..... State.....
(PLEASE WRITE POST OFFICE, COUNTY, AND STATE IN FULL, VERY, VERY PLAINLY.)

MRS. MOORE'S HOUSEHOLD TALKS

We come from houses where no fire glows,
From beds where rest is not;
Where broken, tamed, the body slowly grows
Accustomed to its lot.

And we sought faith that to ideals cleaves;
Alas we were betrayed.
And we sought love that hopes and that believes;
Alas! we were betrayed.

What unknown power with hostile hand doth reign,
And will not let us free?
Why does blind fate cry out to us "In vain?"
The world's defeated, we.

—Ada Negri.

A gallon of pure olive oil in the cellar is not only a housewife's invaluable assistant, but a great factor in the family's health. If you live where fresh sea food can be obtained you can vary your meals easily and to great advantage.

The advisability of buying in large quantities is a question which is open to grave discussion. If a servant is kept, be she ever so faithful, she has not that vital interest in "stores" that the mistress has. There is almost always so much waste that the benefit of buying at a smaller price is lost. For instance, a winter's supply of potatoes should be looked over in March, the sprouts taken off and the inferior potatoes used first. In this way you make the supply last till new ones come in, but where will you find any "help" who will do this?

With olive oil the case is a little different. If you decant it from the can yourself there can be no waste and each drop provides blood, bone and nerve tissue, and best of all the housekeeper may provide a delicious, nutritious meal without bending over a hot stove.

The average American woman never considers the advantage of sparing herself either steps or labor, but works on till she falls in her tracks because "Mother used to," or because "John likes it so." Fortunately for us, most "Johns" are entirely amenable to reason if you go at it the right way, and if a hot midday dinner be one of the must be's, why after that to let the fire go out and have the evening meal cold is a great relief all around. Scientific men have decided after making numerous tests, that meat which is cooked twice has not only the nutritious value, but the digestibility of a bit of shoe leather. This is a terrible problem for the house mother who has always cheerfully warmed up the left overs, happy in the fact that there is enough to go round a second time.

In summer, at least, we may bespared grappling with this fact, for all cold meat can be used to advantage in a salad with a good mayonnaise dressing and if you make this stiff and keep it cold, you can make enough at one time to last two or three days.

Now all this preamble is by way of leading up, or rather down, to that gallon of oil in the cellar. It will cost you between two seventy-five and three dollars; but it will last a family of four all summer, even if you allow using it four times a week on an average.

There is no vegetable that grows which does not come well into a salad. Asparagus tips and cauliflower make two of the most delicious salads that can be compounded. A Dutch salad is not only very pretty but delicious as well. A couple of cold boiled beets, two carrots and also two pota-

toes cold and boiled make up the body of it. Cut them in little squares and pile them up separately around the edge of the dish. A little finely chopped meat, piled up in the center, and mayonnaise dressing complete a most nutritious dish, which can fairly be made of what was left from dinner. Peas, Lima or string beans may be substituted for any of the other vegetables, even spinach does not come amiss if it is not cooked too soft.

Every body likes a potato salad, and served in this fashion that overworked vegetable seems to take a new lease of life. All kinds of cheese are valuable adjuncts for a summer supper, being easily digested and especially nutritious.

Many people get into a way of thinking that they must have "hot bread" for supper, under this head coming all those muffins, biscuits, corn breads and tea cakes which we are so much better without during the heated term. One may buy nowadays of the grocer or the village baker nice rolls of various kinds and delicious brown and graham bread. Not only these, but an endless variety of crackers can be bought to still farther mark the change of summer diet. Graham crackers, nutritious and delicate, are made doubly so if spread with cottage cheese, but be sure that you do not do it so long before the meal that the crackers become soggy.

Besides the delight of fresh vegetables, we have also the numerous small fruits to draw upon. All firm, ripe fruit is so much better uncooked than prepared in ever so rich a sauce, that our first choice of serving it is always as it grows. Strawberries with their hulls on, surrounding a little mound of sugar, are twice as appetizing as when piled up in a great dish. Cherries laid on a few fresh leaves make one of the prettiest table ornaments possible. Sometimes, however, it is necessary, owing to the weather or a large supply, to cook fruit. In this case to simply stew it is to best preserve its valuable qualities and its natural taste.

Many housekeepers prepare their own fruit juices for flavorings and for making cooling summer drinks. The process is quite simple. Press the juice out of the ripe fruit and let it stand for two days in a stone jar, protected from the dust. Strain it carefully at the end of this time and bring it to a boil in a preserving kettle. Pour it out into a dish or bowl to cool. When cold, bottle it, filling the bottles nearly full. In the space that remains in the bottle pour a little pure alcohol, such as may be bought at the druggists. This is used as a preservative. It does not mix with the juice, but evaporates slowly preventing the air from getting at the juice. In addition the corks need to be driven in very tight and tied down.

The verse given at the head of the page is by Ada Negri, an Italian girl and a worker in a silk factory in her native land. All her verse has a strain of sadness running through it; she seems unable to soar beyond the daily woes of a toilsome career. It is no solace to her that in Italy the skies are the bluest in the world, that the sun shines brightly, that the country is lovely with vineyards and groves and gay with flowers. Sorrow only, is her portion.

In direct contrast is the little verse that follows, by a worker, too, no doubt, since we clipped it from a newspaper, the *Boston Transcript*, but so full of the joy of living that we seem to "hear the clock of the year" striking for us too.

"When the clover is deep in the orchard,
And the grass waves fresh and free;
When the strawberry sweet, in sunny retreat,
Waits for the robin or me;
When the bobolink down in the meadow
Is singing his rollicking song;
When skies are blue and clouds are few,
And the days are happy and long;
When the butterfly wooes the white rose,
And everything seems in tune,
Oh! then you may hear the clock of the year
Striking the hour of June."

What the Chinese Women Think of Us.

It is always rather enlightening to know the estimate we are held in by the women of another race. Just now much is being said and written about our estimate of the Chinese, so it is entertaining to hear the other side of the question. Here are a few remarks by a Chinese lady.

"American women think too much."

"Chinese women think only of their husbands."

"A woman who is always thinking has too much temper."

Just here the little lady seems to reflect that perhaps she is after all doing some thinking, so she relapses into silence and her husband takes up the tale. There is one admirable code in Chinese domestic ethics. There is no quarreling in public. No doubt they differ in opinion at times, but to mention it before anyone—that would be an unpardonable sin. So if the Chinese wife did not agree with her lord and master she made no sign, and by her silence gave assent to these epigrams:

"Respect always a silent woman; great is the wisdom of a woman that holdeth her tongue."
"That saying" said he "is more than three thousand years old. Children are taught it before they are ten years of age."

"The gods honor her who thinketh long before opening her mouth. Pearls come from her mouth."

"A woman that respects herself is more beautiful than many stars at night."

Apparently the woman's club does not flourish in China for, "Like sheep that be leaderless are many women come together for much talk."

Vanity is also condemned; "A vain woman is to be feared, for she will sacrifice all for her pride," and again, "A woman desirous of being seen by men is not trustworthy. Fear the glance from her eye."

With all these sayings preaching silence, modesty and a great abnegation of self, the Chinese woman's position in her home is that of honor and dignity, and her desires are generally gratified to the extent of her husband's means. Is she not wise to do no "thinking?"

Simple Science.

It is a fact that much suffering might be eliminated, in truth many lives spared, if some of the ideas relative to caring for small injuries were known to every household. A woman engaged in duties about the kitchen often gets a small cut upon her hands. It seems a trifle and beyond binding a bit of cloth about it, she goes on with her work with no further thought of the matter. The very cloth she used may have dust, or objectionable matter in it, the cloth gets wet, and indeed she is fortunate if the wound heals quickly and well. It is often from the most insignificant wounds and scratches that blood poisoning sets in. The sole of the foot and the palm of the hand are the most vulnerable parts of the body and the result of neglecting wounds on them may result in lockjaw.

When we remember the impurities floating in the air, in the soil, and in the very cleanest house we cannot but be surprised that there are not more cases of poisoning arising from these causes.

It is surely a very simple thing to keep in a bottle a weak solution of carbolic acid and water, such as any druggist can prepare for you. This mixture which contains about ten per cent of carbolic acid will disinfect any ordinary wound and keep out impurities. The wound should first be carefully washed, then wring out in boiling water a bit of soft cloth, and pour upon this sterilized cloth some of the carbolic acid and water. Bind up the cut or scratch and then put a clean dry cloth on the outside. In such a simple fashion you can prevent any serious result from a cut or scratch, or any wound when the skin is broken.

In June reform your table. Banish puddings, pies and fat meats. Take advantage of Nature's lavishness and use all the fruits and salads you can.

—N. HUDSON MOORE.



Rochester, New York.

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Our May issue delighted our readers and brought many expressions of appreciation from old subscribers.

Doubtless many of your friends would be glad to subscribe for VICK'S at our present low rates if they knew of them. Why don't you loan them your copy and tell them of our special offers?

Our Prize Contest explained on page eleven is the fairest we have ever known, as only 250 persons compete in each contest and there are four prizes, so each contestant stands one chance in 62½ of securing a prize. It is an educational contest and the children should be encouraged to enter it.

Although the large premium offers which appeared last month are not published in this issue, they still hold good, and we will be pleased to have any of our friends take up the work as soon as possible. We will furnish extra copies of the magazine to work with if you will write for them.

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CURRENT TOPICS

Owing to the excommunication of Count Tolstoi, Russia is said to be on the verge of a religious revolution.

The Hall of Fame was dedicated in New York on Decoration Day, Senator Depeu delivering the address.

Miss Mary Woolley was inaugurated President of Mount Holyoke College May 15.

It is estimated that 1,000,000 have perished in China owing to the Boxer movement. Now a terrible famine is reported in certain parts of the Empire, and 25,000,000 people are affected. Appeals have been sent forth to civilized nations asking for aid.

Rev. Maltbie D. Babcock, pastor of the Brick church New York who committed suicide in a hospital at Naples while suffering from the Mediterranean fever, was probably the most popular pastor of the metropolis. His friends are attempting to raise a fund of \$250,000 for the widow.

John R. Tanner, formerly Governor of Illinois, died suddenly at Springfield May 23. Dr. Dixon, his physician, affirmed that he did not commit suicide, but death was probably due to blood clot, or the rupture of a blood vessel of the brain. He was 57 years old.

The Albany street car strike that was settled May 18 was practically a drawn battle, resulting in a victory for neither side, but in loss to both sides of \$17,400 to the strikers, \$17,800 to the company, and cost to the county for services of troops of \$33,700, besides great inconvenience to the public and the loss of two lives.

Former Congressman Charles A. Boutelle of Bangor, Maine, died at McLean Insane Asylum, Waverly, Mass., May 21, where he had been for about one year. He was 62 years old and very popular with his constituency, so much so, that, still believing he would recover, they re-elected him to Congress last fall while a patient in an asylum.

Mr. Carnegie has shown his love for his mother country by perhaps the greatest gift to education from an individual in all history. He has given \$10,000,000 to establish free education in Edinburgh, Glasgow, Aberdeen, and St. Andrews. He figures that this gift will furnish free university education for every boy and girl in Scotland capable of passing the entrance examinations.

The decisions of the United States Supreme Court in the so-called insular cases handed down May 27 has met with general approval. The court holds that Porto Rico, after its cession to the United States, could not be regarded as a "foreign country;" consequently the collection of Dingley duties was illegal. With regard to the status of new territory, the court holds that congress has a right to enact laws governing the same, so long as the people are not ripe for incorporation into the union of states. This leaves the way clear for the solution of all problems

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connected with the control of territory belonging to the United States but which is not a part thereof.

An official census bulletin announces that the center of population of the United States, exclusive of Alaska and recent territorial accessions, is six miles southeast of Columbus, Bartholomew county, in southern Indiana. This will stand until the next census in 1910. The center of population is, therefore, about three-fourths of a degree south and more than thirteen degrees east of the centre of area.

It was a great disappointment to the Presidential party, as well as to the whole country, when all the events planned in connection with the 15,000 mile trip were declared off at San Francisco, owing to Mrs. McKinley's critical illness. The Presidential train started for Washington May 25th, reaching home safely, and the country was relieved to know that Mrs. McKinley's life was spared.

General Fitz-John Porter, an invalid for several years, died in Morristown, N. J., May 20, nearly 80 years of age. He had a long military and civil career. In the early days of the civil war he was dismissed from the Army for failure to obey orders. After twenty-four years the sentence was reversed, and in 1886 President Cleveland signed a bill restoring him to his original rank, after which he was honorably retired from the service. He served as Police Commissioner in New York from 1884 to 1888, and afterward as Fire Commissioner.

(Continued on page 23.)

MOTHERS

will find that the speedy cure for skin irritations Eczema, Piles, Pains, Burns, Chilblains, Sprains, Swells, etc., is GREY'S OINTMENT, and when the children get hurt it stops the pain and heals the bruises. Nothing else so useful in the family. Get it today. Sold by Druggists or sent by mail on receipt of 5c by Hiseco Chemical Works, Long Island City, N. Y.

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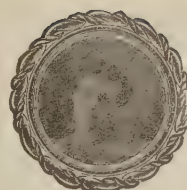


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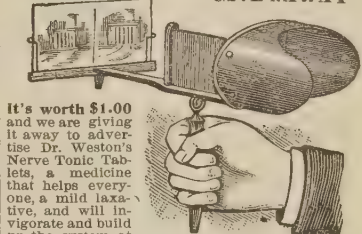
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FRUIT NOTES

All apple growers should send for Bulletin No. 185 of the Geneva (N. Y.) Experiment Station, which treats of the apple canker disease.

Some farmers destroy the worms nests in their orchards, but leave them in trees growing along the highway, even in front of their premises. Every nest should be destroyed as soon as seen.

Every garden, whether on the farm or in the village, should have as many currant bushes as possible. Currants are not only desirable for home use, but they pay a good profit when marketed.

Hints to Fruit Growers. The dangerous nature of blight is not always appreciated by apple and pear growers until it is too late to remedy it. Cut it out at once whenever a twig shows its presence.

The plum curculio generally stings plums so badly that when there are only a small number of trees the owner gets very few or none. A Maryland man, who had a large tree in his garden, spread a sheet on the ground under the tree, which he jarred every day, and killed the curculio as they dropped. From June 1 to 18 he captured and killed 976 of the "little varmits," as he called them. The jarring should begin just before the buds open.

Mr. W. A. Taylor of the U. S. Department of Agriculture, is studying the subject of fruit bricks, into which fruit pulps are pressed. In France the bricks are said to be replacing canned fruits. Secretary of Agriculture Wilson says of them: "The bricks retain their freshness for a surprising length of time. They are all but proof against deterioration, being perfectly good and fit for use eighteen months or two years."

Look out for the tent caterpillar. The leaves of infested trees should be sprayed with arsenites as soon as the buds open. The migrating caterpillars may be caught on sticky bands around the trees, or by traps. Where the worms have collected in bunches, they may be sprayed with kerosene or swabbed. All cocoons should be destroyed early in June, and the egg masses cut off the twigs during fall and winter.

Artificial Fertilizers for Apples. The Journal of the Southeastern Agricultural College, Wye, England, contains a reference to an experiment in the manuring of apple trees in pots, as follows: "A dressing of 'complete artificial manure,' consisting of nitrogen, phosphate and potash, increased the weight of the fruit to the extent of half an ounce per apple. Where an excess of phosphate was added the increase was three and a half ounces per apple."

The prevention of black rot in grapes is not especially difficult under normal conditions. Bordeaux mixture should not be used in normal solution. First spraying as buds are swelling; second, just before blossoming, and third after the blossoms fall. This treatment applies to all varieties. It is not desirable to apply bordeaux after July 1st, on account of danger of staining fruit.

A Vermont Apple Crop. Prof. F. A. Waugh of the Vermont Station, wrote to the Burlington Free Press an account of a profitable apple orchard owned by Mrs. Lura E. Allen, on South Hero Island in Lake Champlain. In 1893 this orchard of fourteen acres gave a net profit of \$100 an acre. Last year the returns, according to Professor Waugh, were as follows:

No. of barrels sold in New York.....	908
Gross receipts.....	\$2,785 75
Average price by the barrel.....	3 08
Commission, freights, cartage, etc.....	521 61
Net cash returns.....	2,264 14
Additional fruit sold at home.....	300 00
Total cash returns.....	2,564 14
Average by the acre, 14 acres.....	183 08

In the neighborhood of this orchard last fall some apples were worth only 75 cents a barrel; in a few cases those sold by Mrs. Allen brought as high as \$6 and \$7. Professor Waugh says: "Farming which pays \$183 an acre, cash in bank, is evidently successful, and Mrs. Allen ought to be publicly thanked for the benefit of her good example."

The peach borer reaches full growth in June. The worms then leave their burrows and spin brown cocoons at the base of the tree, usually near the surface of the ground. Late in June the moths begin to appear and lay their eggs. Dig out and destroy these worms during the next few weeks. Every one destroyed now may save the work necessary to dig out a hundred or more later.

The summer spraying of plums, especially Japanese varieties and peaches, should be done very carefully. The weaker solutions of bordeaux only should be used. The Rumble formula, so successful on peaches in Georgia last year, was as follows: 3 pounds of blue vitriol, 8 pounds of good stone lime and 50 gallons of water.

Defoliation from the attack of peach leaf curl usually occurs in June. Be on the look out for it. The entire loss of leaves does not necessarily mean the death of the tree, but such trees should have special attention to force new growth.—Orange Judd Farmer.

Apples in Western New York promise a fair but not large crop. Secretary John Hall of the western New York horticultural society says that in Monroe County, indications are for a good apple crop except Baldwins, which bloomed very little; early varieties bloomed full and set under favorable conditions. "May gave us little sunshine," he writes "and for the last week almost continuous rain. Late apples now blooming stood the rain much better than could have been expected, and if the pollen has not been washed out there ought to be a fairly good crop. Spraying is undoubtedly on the increase."—Amer. Agriculturist.

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GARDEN NOTES

The cucumber likes plenty of moisture and a rich soil; put two or three shovelfuls of rotted manure in the hills when planting.

Two rows of early varieties of potatoes will afford a supply for the family until the field crop matures.

The Early Cory, Early Minnesota, Crosby, Moore's Early, Mexican and Stowell's Evergreen Corn will give a succession for eighty-five days after planting till cold weather.

The New York Experiment Station at Geneva announces in Bulletin No. 187, as the result of six years experiments, that one thousand pounds per acre of high grade fertilizer is enough for potatoes.

Plant corn in the warmest and driest part of the garden. Early plantings should be covered very lightly. Half an inch is deep enough for the first planting. Later, when the weather gets dry and the soil warm, two or three inches will not be too deep. It is a good idea to plant two or three different varieties, those coming on in succession.

Some Remedies for Garden Pests.

Raising vegetables is a continued warfare against bugs and worms. Those which feed upon the leaves are easily poisoned, but those which suck the sap take the life of the plant without injury to themselves from the poison.

The best remedy for the large squash-bugs and squash vine borers is to keep the vines growing so rapidly that they have little chance to kill them. This is done by the use of extra fertilizer in the hill; hen manure is the best.

When the leaves of the vines wilt and finally die, it is a pretty sure indication that the borer is at work. If you have but a few vines, they can be opened at the diseased point, the borer extracted, and the vine bound up or covered with earth. When the vines attain the length of two or three feet, cover the joints with moist earth; then, if the root is killed, the vine will make new roots and live.

A mixture of one tablespoonful of kerosene to two quarts of ashes sprinkled over the vines will hinder the large bugs, those with such disagreeable odor, in their work. This is also a good remedy for the striped cucumber beetle, so destructive to melon, squash and cucumber vines. But frames covered with netting placed over the hills as soon as the plants appear and allowed to remain until the vines outgrow them, are the most effectual remedy for the striped beetle.

The flea beetles which attack radish, turnip and cabbage plants will soon disappear if the plants are dusted every day with a mixture of lime and ashes. If only one application is to be given, when the plants are small, one part of Paris green to fifty parts of ashes or lime can be used. Early in the morning is the best time to apply it.

The cabbage, radish and onion maggots are hard to deal with. The flies, which resemble small house flies, lay their eggs on the plants, and when hatched the worms work their way to the root. These vegetables should not be raised on the same spot two years in succession, and a dressing of ashes or lime should be given the soil after a crop is removed. If a change in location is not possible, a special treatment when setting out the plants is sometimes effectual. Three parts of water to one part wood ashes, allowed to stand a day before using, is a very good remedy, pouring half a cupful into the hole prepared for the plant. When a plant shows signs of being affected by the maggot, it should be removed at once.

Slices of old potatoes dipped in a strong solution of Paris green and scattered among the hills of potatoes before the plants come up, will kill the old bugs which are waiting for their prey, and thus prevent a second crop.

Cut-worms may be killed in the following way: Cut some fresh grass just before evening and sprinkle it with a solution of Paris green, using a teaspoonful of the poison to two gallons of water. The worms feed during the night and many dead ones will be found in the morning.

Wire worms may be trapped by using a bait of some root vegetable. Bury some slices of the vegetable and destroy the worms which collect on them.

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Experiments have been carried on in England for the last seven years, to find out whether it was cheaper to use heavy dressings of farm manure, or light dressings combined with varying quantities of chemicals; or whether it was possible to grow the produce with chemicals alone.

The results obtained were both interesting and conclusive. Where chemicals were used, the produce in some cases was doubled as compared with that produced when the land had been treated only with a dressing of farm manure. The chemicals used were nitrate of soda, superphosphate of lime, or basic slag and kainit.

In the case of strawberries, a five years' record showed that a light dressing of farm manure with nitrate and other chemicals gave the best results, far exceeding those obtained from a heavy dressing of farm manure alone. With the cabbage tribe it was satisfactorily demonstrated that it is possible to grow them more cheaply with simple phosphates and kainits than with farm manure. With regard to potatoes, the experiments showed that a certain amount of farm manure in the soil was necessary, but that when phosphates, nitrates and kainits were added, a greatly increased crop was obtained.

(Concluded on page 24.)

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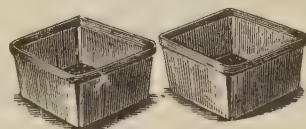
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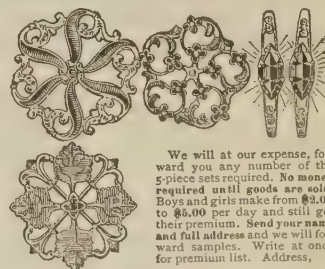
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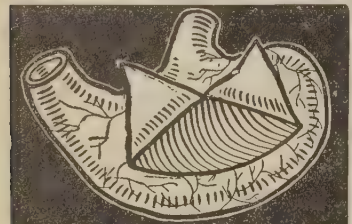
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OUR LITTLE PEOPLE

Bobby Boy's Nest.

"Mother," said Bobby Boy, when she kissed him good-night, "I wish I was a little bird and lived in a little nest."

"Isn't this bed a nice little nest?" asked Bobby Boy's mother. She knelt on the floor beside him and put her head on her white pillow. "Isn't this nice soft little bed, and pretty blue comfort, and plump white pillows nicer than sticks and straws and leaves and paper, woven together as the robin in the lilac bush makes its little house?"

"Not quite, mother," said Bobby Boy. "I want to sleep just one night in a nest."

Bobby Boy's mother laughed and kissed him good-night again and cuddled the blue comfort about him and smoothed the white pillows, and patted the yellow curls and told him to go to sleep. He lay thinking about how nice it was for little birds who didn't go to kindergarten, and had nothing to do but build nests in lilac bushes. When he did go to sleep at last he dreamed about nests with little blue comforts in them and little brass knobs all round the edge of them, and funny pillows made of moss.

Next day Bobby Boy was very busy. His mother found him building a bird's nest in the closet. It was bigger than the nest in the lilac bush, for Bobby Boy was five years old. It was made of pine branches he had brought in from the woods, and the feathers he had picked from an old duster, and bits of moss, and paper and string.

Night came again, and Bobby Boy's mother tucked in the blue comfort and patted the white pillow and smoothed the yellow hair and kissed Bobby Boy good-night after she had sung a little "go to sleep" song to him.

Bobby Boy did not go to sleep. He lay very wide awake, watching a big white moon shining through the apple tree. Bobby Boy was waiting till the house grew still, then he meant to go out and build a nest in the apple tree.

When the house grew still Bobby Boy crawled out of bed. He put on his little trousers and stockings, then he pulled the blue comfort off the little bed and tied it into a bundle. There were sticks in the bundle, and moss and paper and the feathers from the feather duster. Bobby Boy opened the window and crept out on a little piazza.

"Cheep weep, cheep weep," went a frightened little bird in the tree; then it flew away and screamed, for it had never before seen a little boy looking down into its tree when the moon was shining. The apple tree threw one big branch upon the piazza.

There was the nicest place where five big limbs branched out. It was just big enough to hold a little boy's nest and Bobby Boy had been thinking about it for a long, long time. He climbed up on the branch and put his legs around it, exactly as he did when he slid down the banisters. He held the rope that was tied to his bundle, then he slid down the big branch into the heart of the apple tree. Once or twice the little twigs

whipped him in the face, the tree creaked and groaned and the blue bundle stuck among the branches. At last he was down in the little nest, and he stood there for a minute breathing very hard. He pulled the bundle after him, and it came with a whack that almost knocked him down. It was a good thing there were nice firm branches like a wall all around him, or Bobby Boy would have tumbled to the ground. He waited a minute to get his breath back, then he began to build his nest. It was not as easy to build a nest as in the closet, because things tumbled to the ground. All the sticks fell, and a puff of wind carried the paper and feathers away, the moss wouldn't stay put, and nothing seemed to want to be made into a nest but the blue comfort. Bobby Boy began to feel cold, so he spread it around him and crouched down in the nest. It was very lonely and quiet. The little bird came back and flew into the top of the tree and said "Cheep weep, cheep weep," as if it were sleepy and tired.

The moon grew bigger and whiter and brighter, and stared boldly at Bobby Boy through the branches. Bobby Boy didn't feel comfortable in his nest; a scraggy old branch kept pushing his head out of its way, so he turned around and tried to curl up in a new way, but another branch wouldn't let him; it poked into his back. It began to grow very cold, and the wind whistled through the branches, and the moon stared at him and said: "Bobby Boy, you're a little goose; climb up the tree and go to bed."

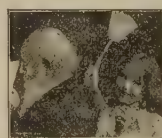
"I don't believe I like sleeping in the tree to-night," said Bobby Boy to the moon; "it is too cold. It will be lovely, though, when it grows warmer and I can eat apples all night."

"You're a goose," said the moon again; go to bed."

"All right, sir, I will," said Bobby Boy. He began to crawl up the branch that led to his room. When he was half way up he slipped right back and slid away down into the heart of the tree. He would have

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fallen to the ground if it had not been for his shirt catching on a sharp branch. Bobby Boy was frightened; the blue comfort had tumbled to the ground and his hands were so cold he could hardly hold on to the tree.

"Father! Mother!" he screamed, "Come and get me! Come and get me!"

He could see the lamp lit in his little room, and he heard his mother give such a cry it nearly made him fall from the tree.

"Bobby Boy!" cried his father. "Bobby Boy, where are you?"

"Here in my nest," called Bobby Boy. Then father and mother climbed out on the piazza. His mother was crying and his father was bending down into the apple tree, but he could not reach Bobby Boy. Then everybody in the house waked up and a long ladder went up to the very heart of the old apple tree, and Bobby Boy crept into his father's arms. He went to sleep in his own little bed with a hot water bottle at his feet and a hot woolly blanket wrapped about him, and soft white pillows under his head, and the last thing he remembered was the big moon looking at him through the apple tree and saying: "Bobby Boy, you're a goose. Isn't that lovely bed better than a nest in the apple tree?"

"I believe it is, sir," said Bobby Boy, sleepily.—Good Housekeeping.

Notes on Garden Roses.

(Continued from page 5)

Mr. Duncan names the following twenty-five varieties of roses as useful, hardy and desirable sorts:

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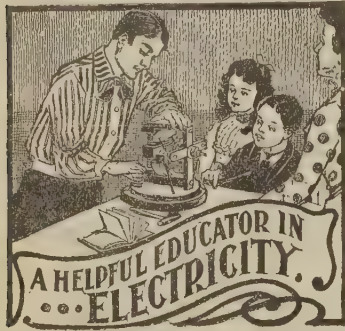
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OUR POULTRY PAGE

By J. W. Burgess

Are your broilers ready for market? Worry the lice or they will worry the fowls.

A lice-stricken hen house never can be a profitable one.

Either raise hens or lice, but don't try to raise both in the same house.

Don't expect strong, vigorous chicks unless the parent stock is what it should be.

It is hard to keep a pure strain of fowls. Not so with lice, for they are all thoroughbreds.

The first dozen or fifteen eggs laid by a pullet are apt to be infertile, and not good for hatching.

Give the chicks plenty of opportunity to run, as they must have exercise in order to develop properly.

If your first hatches were a failure, as many were, your second ones should be peeping by this time.

If you are all through breeding, separate your cocks from the flock, as the hens will do better without them.

While a strong, young cockerel is essential to successful breeding, yet the size and bone of the chick come from the hen in a large measure.

Chicks require no feeding for the first twenty-four hours after hatching, but must be kept warm and dry, as the slightest cold at this period will be disastrous.

The first food you give the chicks should be hard-boiled egg, chopped fine; cracker crumbs, rolled wheat or some other soft cereal. After ten or twelve days, they will eat cracked corn or wheat, corn bread, and from then on some fine meat scraps will be beneficial.

Don't tie the chicks down to one diet, but give them a frequent change. As they grow older, anything and everything that is clean and wholesome may be fed with profit.

Don't neglect to furnish the chicks with plenty of green stuff, lawn clippings, etc. It is positively necessary to their welfare, and it is surprising how much they will eat when given a fair chance. Several times a day they will fill up on it. For the wee chicks it should be snipped up fine with the shears.

You might as well kill your chicks at the outset, as to expect them to do well without pure water and plenty of it.

It will be well to take out the windows and replace them with wire netting during the heated months. It will mean more comfort for the fowls.

If you want a partition that will let daylight through, and still prevent the cocks from fighting through it, tack up some cloth. It answers nicely, where boards will darken too much.

Last month was very wet and discouraging for the chicks and the people who were trying to raise them. It is very difficult to keep them dry at night when everything else is soaked.

In building a poultry house, always place the windows in the south side, or as nearly so as possible. They should be rather low, perhaps not more than two feet from the floor, and protected with inch-mesh wire netting. This will bring the sunshine down on the floor where the fowls are and will do them all sorts of good in cold weather.

Sow plenty of lettuce in odd corners of your garden. When the hot season comes and fresh grass is scarce and the fowls are suffering for green stuff, a bunch of crisp lettuce will make them happy, and it is very little trouble.

Has the long continued wet weather left your poultry yard wet, sour and nasty? Buy a bushel of slacked lime and sprinkle it over the place. You will be surprised how it will absorb the moisture and sweeten up the premises.

Put up a job with your henless neighbor to save the worms he digs from his garden. A dozen fresh eggs will make him feel well repaid, if he is at all accommodating, and you haven't allowed your fowls to overrun his garden.

Don't hesitate to set a hen or an incubator this month. Of course it is a little late, but with proper care you can still bring them well along and before cold weather comes they will be near the laying point, while the cockerels will be in splendid form for eating.

You doubtless have a number of homely, mongrel hens running with your flock. Just as soon as they stop laying and begin to moult, chop their heads off, or sell them, and then vow that you will nevermore winter such a job-lot of mongrels. Handsome fowls cost no more to keep, then why not have them?

Do you have a dust box for the hens to bathe in? It is absolutely essential to the health and comfort of the flock. Save the ashes from the coal stove and sift them into a box before they get damp. It will pay you large interest on the investment of time and labor. It should be kept in a dry corner of the roosting place or scratching pen.

If your fowls have a fairly good range at this season, they need little or no food other than what they pick up. The amount of grass they will eat now is astonishing, and they fill up several times a day on that alone. Then there are worms, bugs, etc., galore, and the hen that is too lazy to skirmish around for her rations this pleasant time of year should be allowed to starve.

Did you ever try the experiment of supplying all the ground oyster shells your hens will eat? If not, the result of such an experiment will surprise you. Don't dump a bushel of it down in the mud and filth, all at once; but take a small dish holding a pint, and every day fill it up, thus keeping a supply of nice, clean shells. They will eat more than you have any idea of, which fact proves that they stand in need of them, and are suffering for want of them.

Don't have the jumping-off place from your perches too high. It may do no harm with the lighter breeds of fowls, but with the heavy-weights it is almost sure to develop bumble feet, which consists of a bunch on the bottom of the foot, akin to the stone bruise of our boyhood days, and it bothers the fowl about as much as it used to do us. The cure is to lance the foot, press out the matter, wash the sore with warm water and bind up the foot to keep the dirt out. The foot will always be more or less tender, and if it be a cockerel, will make him less nimble on foot, so that his value as a breeder is somewhat impaired.

(Continued on page 21.)

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Don't be ashamed to expose your ignorance in order to gain knowledge of the poultry business. You may be splendidly equipped in book lore, and be able to read your Bible in the original, but lots of women, and other-wise ignorant men can give you valuable pointers on hatching, rearing, feeding and housing poultry. There is little hope for the fellow who is sure he knows it all. Before he is aware of it he is a back number, simply because he stopped observing and inquiring, under the impression that he knew it all.

If your hens don't fill the basket just now, you should sit down and locate the reason. You are playing a losing game, and should either inaugurate a reform or eat up your hens, tear down your coops and retire from the poultry business. Just at this time of year every comb in your yard should be bright and red, and every hen should be looking for a chance to cackle. In a few weeks they will begin to moult, and then you surely will get no eggs until fall, so it behooves you to make hay while the sun shines, or, in other words, secure eggs during the best of all seasons, assured that if you can't make the hens lay now, you can't at any time, hence are fouling away your time, and would much better step down and out.

Get all the eggs you can from your hens for the next month, for moulting-time will soon be here. During this month watch the hens closely and mark the best ones, so you will know them when the feathers begin to come off. The reason for thus marking them is that as soon as they begin to moult, they will most likely forget to lay, nor will they remember it again in about 100 days, so you might as well kill or sell the poorest stock instead of feeding them through that long three months, without the slightest return for your trouble and expense. The young stock should begin to lay nearly as early as the moulters will lay. The good stock you save will furnish your breeding stock for next year. Adopt this plan once and you will always do it. It will go a long way toward making the balance show up on the profit side of the hen business.

Did you know that fowls always stand with their faces to the light when they scratch? Well, it's a fact. If you have a scratching pen for your hens, as you certainly should have, you have noticed that no matter how many times you sweep the litter over the floor, after the very next feeding it has been piled up at one end of the floor, and that was the end farthest from the light. Just why they do this is not clear, so each one is at liberty to adopt his own reason for it. Our reason is, that foolish as a hen is on many points, in this one particular she is wiser than many human beings, in that she will not stand in her own light if she can help it. By standing with her face to the light while she scratches among the litter she can see better what she uncovers in the shape of grain, than if her own shadow were thrown on the spot she has just cleaned up. If you really want to have the litter scattered evenly over the floor, you have only to place windows on all sides of the house and thus equalize the light.

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Current Topics—Concluded.

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Thomas A. Edison claims to have recently added two important inventions to the long list. The first of the two is a storage battery, and the second a process by which Portland cement can be produced so cheaply that houses can be built of it, thus driving out wood, brick and stone. He prophesies that the house of the future will be built of cement, including even the stairs. It will have a steel frame and carpenters will have little to do, as unskilled workmen under the direction of a boss, can "pour" a house together in a short time. This house will be practically fire-proof, and be so cheap that men can live in "small palaces," paying a rental of not more than \$10.00 per month.

Senators Tillman and McLaurin of South Carolina have had a quarrel and both resigned. The former charged the latter with being a McKinley Republican in disguise, and not a true representative of his constituents. The latter charged Tillman with bluffing and therefore accepted the challenge to resign. They proposed to go before the people with their grievances, in about the same way Conkling and Platt did in 1881. Governor McSweeney refused to accept their resignations.

LIFE'S COMFORTS

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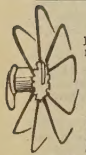
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Garden Notes Concluded.

Work for the Vegetable Grower.

If cultivation is properly attended to, the weed question is easily disposed of, but a point should be made to hoe or pull out all that escape the wheel hoe in position where it is not possible to use that implement.

Weeds are untidy and offensive to the eye in a well-kept place, but the fact that they will seed sooner or later and multiply a thousand fold, adding much to our difficulties, is of more importance than unsightliness.

If tender vegetables are to be had throughout the season, regular sowings should be made every ten or fourteen days. I prefer ten days for most things. If allowed to run longer, vegetables become tough and are not acceptable to consumers.

Where a lot of sowings have to be made, it is not easy to remember dates unless we label each sowing. To save time we put a large label to our planting of each variety, marking the dates on this at each succeeding sowing.

Thinning crops should be attended to, as by this means we allow the plants to develop properly and they are more tender and succulent, even spinach, which many people never think of thinning, will be greatly improved in every way if allowed enough room.

It is not necessary to do much thinning with several crops that we grow for summer use, such as beets, spinach, carrots, etc. One or two inches apart is distance enough, as most people like these vegetables in a small state and according as they are drawn out those that remain have plenty of room.

With crops grown for winter it is different. We want somewhat larger roots for storing, and it is necessary to thin more freely. By thinning spinach in the autumn, we get several pickings of large leaves. In the cool part of the season this plant continues to grow and produce plenty of leaves, and picking these is more profitable at that season than cutting the plant away at once, which I find to be the practice with many.

In a rich, sandy soil, on ground sloping to the south, we have had our most successful crops of tomatoes. I recommend such a position to anyone having a choice of site. When possible, in dry situations, a shovelful of rotted manure put in each hill will help the plants in producing heavy crops.—John Hobson in *American Gardening*.

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From a Woman of Notre Dame, Ind.



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\$600.00 & 6 PIANOS FREE

YEARBRUF	PRILA	NEJU
HARMC	YAM	LUJY

Can you arrange these six different groups of letters into the names of six (6) of the months of the year? If so you can share in the distribution of the above. We shall give away 6 Fine Upright Pianos and cash amounting to \$600 in Gold among those who enter this contest, and will work for our interest. READ CAREFULLY. REMEMBER we do not want one cent of your money when you answer this contest. In making the six names the letters can only be used in their own groups and as many times as they appear in each individual group and no letter can be used which does not appear in its own group. After you have arranged the six groups and formed the six correct names, write them out plainly and send us your answer by return mail. TRY AND WIN. If you make the six correct names and send them to us at once who knows but you will get a big cash prize and possibly a Piano. We hope you will and anyhow it costs you nothing to try. Do not delay. Write at once.

READ WHAT THESE WINNERS SAY:



MISS HATTIE SIMS,
609 Franklin Street, Peoria, Ill.,
WINNER OF
Grand Up. Piano \$300.00
Cash Prize, 10.00
Cash Prize, 5.00
Cash Prize, 5.00

On receipt of her piano Miss Sims wrote us: "Dear Sirs, Received my Piano today in good condition; am delighted and more than pleased with it as first prize. Many thanks. It is a much nicer piano than I expected. I am very glad I won the first prize."

We have other letters from Miss Sims acknowledging receipt of her cash prizes. Also from her cousin, Miss Eva Wonder, of Peoria, Ill., only 16 years old and a student in the Peoria High School, who also won a Grand Upright Piano in good condition—the second in two months—and it is just as nice and beautiful as the other one was. I thank you a thousand times for it and for your honest treatment. I am very proud that I am so lucky."

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We will forfeit \$500.00 Cash to any one who can prove that we have not paid all prizes as promised, or that the above testimonials or any of the hundreds in our possession are not genuine. WOOD PUB. CO.

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Enfield, N.H.,
WINNER OF

Grand Up. Piano \$300.00
Cash Prize, 300.00
Cash Prize, 50.00
Cash Prize, 50.00
Cash Prize, 2.00

We have several letters from Mrs. Just thanking us for prizes. On receiving her last \$30.00 Cash Prize she writes: "Your letter at hand which brought me your check for \$50.00 again, for which I thank you very heartily. I don't know what I shall do to pay you for what you have done for me in five months' time." About her second piano she writes: "I take great pleasure in writing you that I received this morning my piano in good condition—the second in two months—and it is just as nice and beautiful as the other one was. I thank you a thousand times for it and for your honest treatment. I am very proud that I am so lucky."

MRS. JOHN LABENZ,
5113 Duncan St., Pittsburg, Pa.,
WINNER OF

Grand Up. Piano, \$300.00
Cash Prize, 50.00
Cash Prize, 25.00

Mrs. Labenz writes: "I received the Piano this A.M. in a good, sound condition. I am very much pleased with it and think it is one of the finest ever made and thank you very much. I wish you would put my name among the list of satisfied prize winners so if any one wants any recommendation I can give it to them as I know your people have treated me fairly and squarely. Again thanking you for the beautiful Piano as first Prize, I remain, etc." Dec. 10 she wrote: "I received your check for \$50.00 and I thank you very much. Thanking you for check and past favors, I remain, etc."

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Besides the prizes named above, these and thousands of other winners have received thousands of useful and valuable prize premiums, including Elegant Upright Pianos, fine English Tea Sets, Silver Services, Silk Waist, Dress Patterns, Silverware, Watches, Cameras, Air Guns, etc., etc. There is no reason why you should not be one of the winners in the present contest. All you have to do is to try. We could show you hundreds of other test-imonies from those who have won prizes in our various contests, all showing that we always do just as we agree and satisfy all winners. Our patrons have participated in the distribution of over \$26,000.00 Cash Prizes and thousands of dollars worth of Premium Merchandise Prizes. Would you like a part of this \$600.00 or a Fine Upright Piano? If so, see if you cannot solve the puzzle printed above and send us a correct answer. Perhaps it will be easier than you think and you may win a fine prize. Try it. Sit down and study it out at once, send us your solution and we will write you at once whether it is the correct one or not. Now is your chance.

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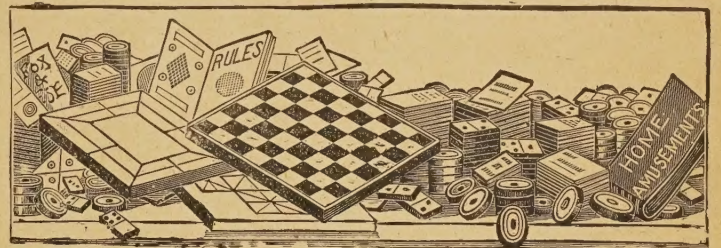


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